Rec'd with letter dtd 11/19/96

SUMMARY
NRC/DOE TECHNICAL EXCHANGE
YMSCO LONG RANGE PLANNING
August 15, 1996

On August 15, 1996 the U.S. Nuclear Regulatory Commission and the U.S. Department of Energy (DOE) held a technical exchange on DOE#s Long Range Plan (LRP). The purpose of the exchange was for DOE to describe and discuss the YMSCO LRP; to explain the replanning of the site characterization program; explain the context, goals, and integration of the technical elements in the LRP and its relationship to the 1996 Program Plan; and provide a cross-reference between the LRP and Waste Containment and Isolation Strategy. The LRP was described as a work in progress, and DOE staff specified that the intent is to update and revise the document as necessary.

From this exchange and continuing discussions as the plan is developed, the NRC will be able to assess the adequacy of DOE's program.

The information presented at the technical exchange is provided in the attachments noted below and represents the summary of the meeting. DOE indicated that a copy of the LRP with the detailed supporting data is being reproduced and will be transmitted to the NRC shortly. Representatives from the State of Nevada, Nye and Clark Counties also attended the technical exchange.

Sandra L. Wastler

Sandra L. Wastler
High-Level Waste and Uranium
Recovery Projects Branch
Division of Waste Management
Office of Nuclear Material
Safety and Safeguards
U.S. Nuclear Regulatory Commission

Priscilla Bunton

Priscilla Bunton
Regulatory Integration Division
Office of Civilian Radioactive
Waste Management
U.S. Department of Energy

Attachments:
1. DOE#s Planning Package dated March 12, 1996
2. Yucca Mountain Project Plan Baseline Schedule
3. DOE#s FY 97 Planning Guidance dated July 5, 1996
4. DOE Presentation Slides of August 15, 1996
5. List of Attendees
6. Technical Exchange Agenda

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PDR WASTE
WM-11 PDR

| NRC-DOE TECHNICAL EXCHANGE ATTENDANCE LIST<br>August 15, 1996<br>Las Vegas/YMSCO - NRC/Two White Flint<br>Videoconference | | |
|---|---|---|
| PRINTED NAME | ORGANIZATION/COMPANY | PHONE |
| Priscilla Bunton | DOE | 202-586-8365 |
| Sandra L. Wastler | NRC | 301-415-6724 |
| John S. Trapp | NRC | 301-415-8063 |
| Jeffrey Pohle | NRC | 301-415-6703 |
| John Austin | NRC/NMSS/DWM | 301-415-7252 |
| Banad Jagannath | NRC | 301-415-6653 |
| Rex Wescott | NRC | 301-415-6727 |
| Neil Coleman | NRC | 301-415-6615 |
| Steve Frishman | NV/NWPO | 702-687-3744 |
| Judy Treichel | NV/NW Task Force | 702-248-1127 |
| Jim York | Weston | 202-646-6650 |
| Philip Justus | NRC/NMSS/DWM | 301-415-6745 |
| Margaret Federline | NRC/NMSS/DWM | 301-415-6708 |
| Robert L. Johnson | NRC/NMSS/DWM | 301-415-7282 |
| Kien Chang | NRC/NMSS/DWM | 301-415-6612 |
| John Bradbury | NRC/NMSS/DWM | 301-415-6597 |
| David Brooks | NRC/NMSS/DWM | 301-415-7284 |
| Barbara McKinnon | DOE/YMP | 702-794-5480 |
| Jane Summerson | DOE/YMP | 702-794-1394 |
| April Gil | DOE/YMP | 702-794-5578 |
| Marshall Weaver | M&O | 702-295-4846 |
| Tom Bjerstedt | YMSCO/AMSL | 702-794-1362 |
| Bob Barton | | 702-794-1455 |
| Bob Andrews | | 702-295-5549 |
| Terry Crump | | 702-295-4886 |
| Bill Seddon | | 702-794-5422 |
| Brad Bush | | 702-794-5551 |

| PRINTED NAME | ORGANIZATION/COMPANY | PHONE |
|---|---|---|
| Tom Wodderson | | 702-794-7341 |
| Michelle Wick | | 702-794-5489 |
| Ed McCann | | 702-295-5007 |
| Ronald G. Helms | | 702-295-5556 |
| Dennis Bechtel | | 702-455-5075 |
| James Clark | | 702-794-1494 |
| Jean Yonkers | | 702-295-5213 |
| Ralph Rogers | | 702-794-1408 |
| Larry R. Hayes | | 702-794-7766 |
| Jack Bakey | | 702-794-7266 |
| Terry D. Tait | | 702-794-4845 |
| Bill Belke | NRC/Onsite Representative | 702-388-6125 |
| Chris Einberg | DOE | 202-586-8869 |

**Department of Energy**
Office of Civilian Radioactive Waste Management
Yucca Mountain Site Characterization Office
P.O. Box 98608
Las Vegas, NV 89193-8608

JUL 05 1996

L. Dale Foust
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FISCAL YEAR (FY) 1997 PLANNING GUIDANCE (SCPB: N/A)

The Civilian Radioactive Waste Management System Management and Operating Contractor (CRWMS M&O) is directed to proceed with development of the FY 1997 Project Work Plan. The CRWMS M&O is to be the integrator for the development of the plan. The CRWMS M&O is to coordinate with the U.S. Geological Survey (USGS) and all minor participants who are not part of the CRWMS M&O to ensure that all work necessary to execute the entire project work scope is included in the plan and within the constraints of the overall funding. It is also required for the Project Work Plan to cover, in detail, a two-year period, FY 1997 and FY 1998, and the baseline will include the FY 1996 Project Work Plan.

The key technical objective of the FY 1997 Project Work Plan is to address the major remaining technical uncertainties so that a preliminary judgment can be made of the viability of licensing and constructing the proposed geologic repository at Yucca Mountain, Nevada. The technical direction for the detailed planning is the CRWMS M&O Program Plan, Revision 1, the approved Revised Project Summary Schedule (June 13, 1996), and the Supplemental Technical Guidance (enclosure 3). The Project Work Plan should be in sufficient detail for the U.S. Department of Energy (DOE) to authorize the work, to monitor the performance of the work, and to oversee managed changes to the work, if required. Also, the FY 1997 Project Work Plan should: merge with, and be part of, the critical path logic network; define a monthly cost profile of work; define the acceptance criteria for the deliverables and completion criteria for milestones. See Enclosure 1 for specific project guidance for preparing the FY 1997 Project Work Plan and updating the Project Baseline.

The total annual funding available to the Yucca Mountain Site Characterization Project (YMP) in FY 1997 and subsequent years is $300 million, of which $15 million is to be placed in the Project Manager's reserve account. This results in $285 million to be planned for all project activities including all participants, Quality Assurance (QA), fees, Financial and Technical Assistance,

Payments-Equal-To-Taxes, and all Program Management and Integration. The $285 million budget is subject to change depending upon congressional actions. Adjustments will be necessary to the detailed plan if the FY 1997 congressional appropriations and/or FY 1998 budget guidance from the DOE Chief Financial Officer does not fund the FY 1996 Revised Program Plan cost profile.

Enclosure 2 identifies the funding levels to be set aside for other DOE contractors (KENROB, ALPHA Services, Support Services contractor, Environmental Impact Statement contractor, Wackenhut, and QA). The DOE will reserve funding for YMP QA organization support. The funding will be transferred from the YMP budget (Work Breakdown Structure [WBS] 1.2) to the Program Integration budget (WBS 9.0) to cover the CRWMS M&O QA organization, the USGS QA organization and the YMP portion of the Quality Assurance Technical Support Services contractor organization. The QA Planning and Control System inputs will be submitted, reviewed, and approved through the YMP process and the Program Integration process. The Yucca Mountain Site Characterization Office (YMSCO) will provide direction to the other DOE contractors directing their participation in this effort and will assign Project Management Organization personnel to coordinate their planning with the CRWMS M&O. The CRWMS M&O is responsible for the integration of the other DOE contractors' data into the total plan.

The planning should be completed by August 9, 1996. The DOE requests a minimum two-week hold starting August 9, 1996, for review prior to the beginning of negotiations and the YAP 2.6Q process. The CRWMS M&O should schedule regular progress reviews with YMSCO Planning Steering Group and Assistant Managers (AM), both individually and as groups, as the planning progresses. The CRWMS M&O should meet weekly with the steering group and, as needed, with the AMs.

Jane R. Summerson is the point of contact for technical direction questions. Wayne N. Kozai is responsible for administrative and budget allocation questions. If you have questions, please contact Dr. Summerson at 794-1493 or Mr. Kozai at 794-5528.

Wesley E. Barnes
Project Manager

AMA:WNK-2042

Enclosures: (NOT RECORDS MATERIAL)
1. Project Guidance
2. Funding Requirements
3. Supplemental Technical Guidance
   (Attachments 1, 2 and 3)
4. Economic Assumptions

cc w/encls:
R. E. Spence, YMQAD, NV
J. R. Dyer, YMSCO, NV
V. F. Iorii, YMSCO, NV
J. J. Adams, YMSCO, NV
W. R. Dixon, YMSCO, NV
S. J. Brocoum, YMSCO, NV
R. L. Craun, YMSCO, NV
S. B. Jones, YMSCO, NV
W. J. White, YMSCO, NV

cc w/o encls:
Records Processing Center

# Project Guidance for Preparing FY 1997 Project Work Plan

This attachment defines YMSCO's requirements for development of the FY 1997 Project Work Plan. It is required for the Project Work Plan to define the activities to be executed in FY 1997 and FY 1998 in sufficient detail for the DOE to authorize the work, monitor work performance, and to oversee controlled changes to the work.

## Technical Guidance

The Project Summary Schedule, as approved by the DOE, June 13, 1996 and Enclosure III, Supplemental Technical Direction, form the technical scope and schedule direction for the development of the FY 1997 - FY 1998 detailed planning. The budget associated with the PSS will need to be reconciliated with the total planning budget during the planning process. Any deviation from the approved technical direction should be authorized by the DOE Planning/Steering group. The key objective of the FY 1997 - FY 1998 Project Work Plan is to address major remaining technical uncertainties so that an informal judgement can be made of the viability of licensing and constructing a geologic repository at the proposed Yucca Mountain.

## Multi-Year Baseline

OCRWM provided planning guidance for the FY 1996 Annual Work Plan on March 30, 1995. The fundamental premise of the guidance is that FY 1996 is to be the first year of a multi-year baseline for the Program Plan and that planning and performance measurement is to be done on a multi-year basis. Since that time the Program Plan has been revised and the budget has been reduced over the long term. However, FY 1996 was planned at a lower cost than in the FY 1994 Program Plan and consistent with the revised Program Plan. Therefore, it is the Project's desire to continue with the premise established in last year's OCRWM guidance; to establish FY 1996 as the first year of the multi-year schedule and to status performance against the multi-year baseline as well as within the current year.

## Carryover and Unfinished FY 1996 Work

Unfinished FY 1996 work will be carried as variances against FY 1996 summary accounts, and resources to finish the work, if not carried forward, will result in variances against FY 1997 budget.

## Criteria Statement

The Project Work Plan should contain a comprehensive criteria statement for each Level 3 deliverable. The criteria statement should describe the deliverable and define the acceptance criteria. Specify acceptance procedures for deliverables and completion criteria for milestones. At a minimum, specify what is produced, who produces it, and how it is accepted. Acceptance criteria and descriptions should reference YAP 5.1Q or other procedure/process for acceptance (if a deliverable) or completion (if a milestone). Many Level II descriptions are unclear; they should be corrected where necessary. Figure 1 contains the checklist that YMSCO will use to review

the deliverable descriptions. Figure 2 contains the checklist for the deliverable acceptance. These checklists should be considered when describing the products and defining the acceptance criteria. The acceptance criteria should also define what constitutes completeness of each deliverable or set of deliverables. If the completeness criteria are missing from the criterion statement, the default completeness criteria is signed acceptance of the deliverable by DOE.

## Schedule

The integrated critical path schedule (LRP/IPS) should be updated to include the detail in the FY 1997 - FY 1998 period. The schedule should include all Level 0, I, II, and III milestones and deliverables. Supporting level IV deliverables may be included if necessary to clarify and understand the schedule; they also may be included on the Project Planning Sheets (PPS) or on the Summary Accounts to clarify the scope of work or be included as part of the acceptance criteria. It is absolutely required that schedules be coded so they can be rolled up from a lower level to a higher level while retaining the critical path and logic. All schedules are to be created with Primavera (P-3) software and should have uniform coding and symbols throughout.

## Cost Estimates and Basis of Estimates

All cost estimates should be in the year of expenditure dollars and should be fully burdened except for CRWMS M&O fee. The proposed fee for all other DOE Contractors is included in the set-aside amounts addressed in Enclosure II. The CRWMS M&O's PM&I will be prepared in such a way that it may be reviewed, as a unit, by YMSCO. The cost estimates should not include any contingency; the contingency is included in the Management Reserve. Each participant should submit detailed bases-of-estimates (BOEs) to support their schedules and cost profiles. The elements of cost should include labor hours, labor dollars, travel, subcontracts, procured material and equipment, and other direct charges. It is recommended that the draft DOE Cost Estimating Guide dated March 15, 1996 be used to prepare the cost estimates and BOEs. The Earned Value Method should be defined for all activities and included in the Summary Accounts. The Earned Value Method should be discussed in each BOE. The most current DOE Inflation Rate Table is attached as Enclosure IV. These indices should be used to determine future costs from present day cost estimates. No escalation is required for the funds set-aside for F&TA, PETT, CRWMS M&O fee and Management Reserve as they are calculated as a percentage of the total project cost of $300 million in each year of expenditure dollars.

## Approval

The FY 1997 Project Work Plan should include detailed information to the participant Summary Account level and should be developed in PACS format. It is understood that the detailed planning will occur in the participants scheduling, planning and control systems and then the planning will be summarized and reflected in PACS at the appropriate level. The sign-off sheets for approving the plan should be developed in PACS formatted PPS sheets and should include the detailed work scope, time phased budget, deliverable schedule, description, and criteria. The supporting documentation should include the BOEs.

## Program Reviews of YMP Plans

The RW-1 review of the Project Work Plan is tentatively scheduled to be the third week of August. Additional guidance will be issued to the CRWMS M&O once the schedule and agenda have been developed by RW-35.

## Project Cost and Schedule Baseline

The Project Cost and Schedule Baseline has multiple levels that are summarized as follows:

Level I - Project Master Schedule and Cost Estimate

Level II - Project Summary Schedule and Cost Estimate

Level III - Long Range Plan and Cost Estimate

Level IV - Participant Internal Schedules and Cost Estimates

The updates to the baseline is to be contained in a three volume document (one each for Level I, Level II, and Level III) that is controlled and managed by the Project Change Control Board (CCB). An electronic version of the baseline (PACS) is maintained in parallel and consistent with the printed version. The electronic version contains more detailed cost and schedule data and is used for performance measurement.

The levels of the baseline are defined below:

**Level I - (Project Master Schedule and Cost Estimate)**

Level I is the YMP component of the Program Cost and Schedule Baseline. The schedule is a summary activity bar chart (approximately 25 - 30 activities) and the cost estimate is for the total project cost. Level I contains all ESAAB and OCRWM milestones and deliverables for the Project from inception to license application. The descriptive documentation for each activity will include statement of work, cost summaries by fiscal year, and milestone/deliverable descriptive data and dates. The Project Master Schedule is approved/signed by the Project Manager and Program Director. Level I (Volume I) is controlled by the Program CCB. The PMO will prepare the Baseline Control Package for updating the Program baseline

**Level II - (Project Summary Schedule and Cost Estimate)**

Level II contains the Project Summary Schedule, the cost estimate for each activity on the Project Summary Schedule, and a description and criteria for each activity and milestone on the schedule. The Project Summary Schedule defines how the Program Plan is to be implemented, contains approximately 500 activities, and is maintained in P3 format. The printed version contains a plot of the schedule, descriptive documentation for each activity, and a matrix of annual costs sorted by WBS. A section of the volume contains Project cost history from FY 1983 to execution year minus one. The electronic version contains a cost loaded P3 schedule, the descriptive data, and a list of level II deliverables/milestones. The P3 schedule shows the critical path. The entire Level II

component (Volume II) is approved and controlled by the Project CCB. The CRWMS M&O is to prepare the Change Request to update the Level II Cost and Schedule Baseline once the Summary Schedule has been approved by DOE.

**Level III - (Long Range Plan and Cost Estimate)**

Level III is the level reported to the YMSCO by the participants. It constitutes the performance measurement baseline that is in PACS and is used to measure participant and Project performance. The Long Range Plan addresses how the Project Summary Schedule is to be executed and contains more detailed information than the Summary Schedule. It is also more detailed in the near years than in the out years (rolling wave schedule). The planning for the execution year and the execution year plus one are in detail in the Long Range Plan. The remaining years of the Long Range Plan contain detailed information if it is available.

The printed version has PPS sheets for the execution year with work scope descriptions, deliverable descriptions to include acceptance criteria and baseline dates, and budget data. Also included is a list of deliverables with baseline dates and summary budget data at the Planning and Scheduling (P&S) Account level. The electronic version has all of the above and lower level Summary Account information for the execution year, detailed information for the execution year plus one, and a detailed P3 schedule, which contains all activities in the LRP and defines the critical path. The schedule is used to analyze performance and to determine impacts from requested changes.

The CRWMS M&O is to prepare the Change Request to update the Level III Cost and Schedule Baseline after the FY 1997 work plan has been agreed upon and approved.

The Level IV schedule is the day-to-day working schedule of the contractor. It is controlled by the contractor and is not included as part of the Project cost and schedule baseline.

| FUNDING REQUIREMENTS | | | |
|---|---|---|---|
| **MINORS** | **FY 1996** | **FY 1997** | **FY 1998** |
| AECL | 184,947 | 200,000 | 0 |
| Alpha Services | 1,025,000 | 1,052,700 | 1,081,100 |
| KENROB | 6,182,500 | 3,792,500 | 3,887,500 |
| OSTI | 18,000 | 8,700 | 9,200 |
| WSI | 703,000 | 722,000 | 741,500 |
| F&TA | 569,846* | 9,992,800 | 9,992,800 |
| PETT | 5,852,225 | 6,851,500 | 6,751,500 |
| Tech Support & EIS | 11,330,000 | 12,130,000 | 8,860,000 |
| Quality Assurance | 8,200,000 | 14,630,000 | 15,030,000 |
| **TOTAL** | **34,065,518** | **49,380,200** | **46,353,600** |

***PETT and Oversight Funding (for Nye County Only)**

## CRITERIA FOR SCOPE OF WORK AND DESCRIPTION OF FY97/98 DELIVERABLES (BY CATEGORY)

### PRODUCT DESCRIPTION

| REVIEW CRITERIA | CATEGORY | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | LEVEL 2 | COMPLIANCE AND STATUS REPORTS | SYNTHESIS, DATA, AND PA REPORTS, ANALYSES, MODELS, AND REVIEWS | INTERACTION SUMMARIES AND REGULATORY REVIEWS | PROGRESS REPORTS AND OTHER REGULATORY DOCUMENTS | DESIGN AND SYSTEMS ENGINEERING STUDIES AND REPORTS | DRAWINGS AND SPECIFICATIONS | CONSTRUCTION MILESTONES |
| Is there a means to verify completion of interim progress-tracking tasks? | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Is the method for taking earned value reasonable for the product? | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Does the deliverable clearly tie to progress in supporting Program Plan milestones? | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Are the products, as described, complete? | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Is the end-user defined? Are the purpose and scope of work clearly specified (e.g., succinct, clear, and definitive)? | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Are products consistent within category? | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Are customer expectations stated and addressed? | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Are specific requirements identified? | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Is the 'Q' or 'Non-Q' status of data and/or models cited? | | | ✓ | | | ✓ | ✓ | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Is the earned value method appropriate and consistent with other similar deliverables? | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Is the product hierarchy defined? | | | ✓ | | | ✓ | ✓ | |
| Are parent requirements referenced? | ✓ | ✓ | ✓ | | | ✓ | ✓ | |
| Are the numerical/computer codes used identified? | | | ✓ | | | ✓ | ✓ | |
| Are regulatory issues to be addressed identified? | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| If appropriate, is a summary of applicable discussions, commitments, and/or recommendations included? | | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| Do deliverables intended to exchange information between WBS elements provide the appropriate information? Are they available in time to support subsequent activities? | | ✓ | ✓ | | | ✓ | ✓ | ✓ |
| Is appropriate detail of drawings and specifications identified? | | | | | | | ✓ | |
| Is the equipment or facility to be temporary or permanent? | | | | | | | ✓ | ✓ |
| Is the milestone 'construction-in-progress' or is it 'turnover'? | | | | | | | | ✓ |
| Are deliverables intended to support other elements available in time? | | ✓ | ✓ | | | ✓ | ✓ | ✓ |
| Are Level 3 deliverables supportive of Level 2 milestones? Will they be delivered with adequate time for YMSCO review prior to transmittal as DOE Level 2 deliverables? | | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| Does the deliverable evaluate alternative conceptual models/ technical uncertainties? | | | ✓ | | | | | |

## ACCEPTANCE CRITERIA FOR FY97/98 DELIVERABLES

| REVIEW CRITERIA | CATEGORY | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | LEVEL 2 | COMPLIANCE AND STATUS REPORTS | SYNTHESIS, DATA, AND PA REPORTS, ANALYSES, MODELS, AND REVIEWS | INTERACTION SUMMARIES AND REGULATORY REVIEWS | PROGRESS REPORTS AND OTHER REGULATORY DOCUMENTS | DESIGN AND SYSTEMS ENGINEERING STUDIES AND REPORTS | DRAWINGS AND SPECIFICATIONS | CONSTRUCTION MILESTONES |
| Has the deliverable undergone the appropriate internal reviews? Have the appropriate M&O entities concurred? Are appropriate reviews listed? | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Are products consistent within category? | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Have customer expectations been stated and addressed? | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Have the terms of the acceptance process been met? | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Is detail afforded appropriate? | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Are the acceptance criteria written in such a way as to be helpful in conducting the acceptance review? | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Have all data sets/model inputs been submitted to the appropriate technical data base? | | | ✓ | | | | | |
| Are conclusions adequately supported? | | | ✓ | ✓ | ✓ | ✓ | | |
| Are recommendations supported by analysis? | | | | ✓ | | ✓ | | |
| If appropriate, has submittal of other than final product been authorized by DOE? | | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |

Enclosure 3

## SUPPLEMENTAL TECHNICAL GUIDANCE

1. Use the attached (attachment 1), as the standard to which the project is working until such time as the EPA standard is in place.

2. Work to a common definition of the VA (see attachment 2).

3. Using available information and current assumptions regarding areal mass loading, expand the upper repository block to the north by an amount adequate to eliminate the need for a lower block. Identify what additional data is required to permit maximal expansion of the upper block. Follow current guidance regarding use of additional underground excavation in this regard.

4. Utilize a modular design with redundant process trains capable of accommodating both 100% uncanistered fuel and also 75% uncanistered/25% canistered fuel. Standby process trains are required. Modularization will facilitate later adjustment of the final configuration when the actual throughput mix is known.

5. Provide a complete and defensible written technical rationale for the change in the drilling program and surface-based testing from that laid out to support the '94 Program Plan and that which is proposed in this plan.
   Due date: July 8, for use in the DOE technical review.

6. Provide a complete written technical rationale for the systems studies planned. The rationale should refine the list of systems studies to identify those which may be removed, those which should be funded for an initial four weeks of data collection to fully document the present project position and determine the need for additional study, and those which should be fully funded.
   Due date: July 8, for use in the DOE technical review.

7. Identify activity scope, schedule and cost for resolving continuing technical uncertainties such as, but not limited to:
   - Q-list revisions, e.g. Classification of ground support as Q vs non-Q
   - Data to be contained in requirements documents and resultant impacts on design work
   - Seismic acceleration values to be used for design prior to completion of PSHA
   - Seismic classification of SSCs, including the basis for classification of Cat. I vs II

8. During the detailed planning, address the DOE-owned SNF and HLW in the following manner: Using the AMSL proposed strategy (attachment 3), identify data needs, recommend the extent of design and PA which should be complete at VA and LA, identify information needs for the EIS, and propose a regulatory strategy. Identify impacts of incorporating activities into '97 and '98 plan.

Specifics:

1. Develop adequate documentation to permit safe operation of ESF systems. Continue to treat these systems as construction activities.

2. Plan the PISA as an M&O deliverable due in August of '98, to support the VA. Clarify review process/cycle for PISA to prevent duplication of scope in 1.2.5 and end elements responsible for individual chapters.

3. Revise the scope of activity WP100 to be the updating of the disposal criticality topical report after the receipt of NRC review comments. Consequently, change the timing to a start date of approximately 8/25/98 and a completion of approximately 6/30/00.

4. Propose criteria and a schedule for closure and reclamation of boreholes and trenches; with ability to keep specific boreholes or trenches open if a technical or regulatory need is identified.

ASSUMPTIONS:

1. As a matter of policy, DOE reviews of documents (e.g. LA plan) should be performed under DOE procedures (e.g. QAP 6.2). M&O internal review procedures should not be used for DOE reviews.

2. FY 97 and FY 98 BOEs need to be based on a more realistic number of regulatory interactions. End elements should plan on supporting 16 NRC (6 management, 4 ESF TMs, 2 TEs, and 4 App. 7) and 10 NWTRB (6 full board and 4 panel) formal interactions. SLINO5X201 should be replanned to be consistent. Coordinate regulatory agencies interactions/FY97. Planning basis must also be consistent across WBS elements.

3. Semi-annual Progress Reports 15-19 are going to be used to document the changes between the SCP and the program actually conducted by DOE (in site, design and PA). The FY97/98 scopes of work must clearly reflect this new requirement, which may expand the resources needed, at least in WBS 1.2.3, to produce the documentation.

4. End elements need to assure adequate resources are provided to support:
   - ICE review
   - QA technical experts/CARs/DRs/PRs/NCRs
   - technical data management
   - data qualification
   - institutional activities and products
   - administrative bulletin boards (e.g.. OCRWM Directors Database, Project Managers Table of Contents)
   - change control activities and database
   - systems studies
   - EIS preparation and support activities
   - regulatory interactions
   - PA model abstraction
   - training subject matter experts
   - PISA chapters/sections/reviews
   - design reviews
   - semi-annual progress reports and reviews
   - development of LA plan

5. P&S accounts need clear identification of data transfers to design, i.e. RIB items or QAP 3-12 for processing data. Waste package-site interface requirements need to be clearly identified and documented. Interim and final data feeds to Performance Assessment need to be identified, documented and scheduled. Also articulate a method of integrating data use across multiple disciplines to preclude repetition or inconsistent data usage.

6. Allocate funding for ALL work scope included in the plan, including that discussed late in the development of the long-range plan but not funded at that time. Add a summary activity to incorporate outside reviews for specific work scope such as consultant boards.

7. Included as one of the Secretary of Energy's commitments to the President of the United States for FY 1996 was to streamline the management structure, i.e. reduce management layers and encourage employee empowerment. Success will be measured by meeting a target ratio of 11 to 1 for workers to supervisors; and decreasing the number of employees in the senior level positions.

   In keeping with this spirit, the contractor shall incorporate, to the extent possible, the Secretary of Energy's commitment to have a worker to supervisor ratio of 11 to 1 in place for the upcoming fiscal periods. Areas of concern include, but are not limited to, design and ESF construction.

8. Consolidate construction, construction support, and logistics with existing ESF and site facilities as appropriate to achieve efficiencies of scale and scope.

9. Identify intermediate level 3 milestones that can be used to gauge progress toward level 2 milestones. These need to be developed so that earned value can be determined meaningfully. They are needed in at least these areas: Thermal testing, PISA chapters, Process Models, Field Testing.

10. Budgeting for computer acquisitions or upgrades needs to be better integrated across the project to ensure requests are adequately justified and are consistent and compatible with project specifications, and to reduce redundant requests. The M&O shall provide a consolidated list of planned computer purchases to the YMSCO as part of the plan review process. The list shall be sorted by third level WBS elements and shall identify the equipment (or major software) to be procured, the purpose of the equipment or major software, and the justification for the purchase.

11. Identify what existing data must be qualified, when it must be qualified, how it will be qualified, address interface issues and end element resources needed.

12. All deliverables that are unique to EIS will be put into a separate account. Activities in these accounts will have unique process records and review requirements.

## Attachment 1

## Interim Postclosure Standard

Until a new EPA standard is promulgated, the Yucca Mountain Site Characterization Office will use the following standard as a planning basis for evaluating the postclosure performance of the repository:

Exposure Limits:

- 15 mrem/year from all radionuclides released from the repository, through all exposure pathways (applies to both disturbed and undisturbed conditions, excluding human intrusion), and
- A groundwater protection standard with the following limits (applies to contamination resulting from repository releases via a groundwater pathway only, under undisturbed conditions):
  - -- 5 pCi/liter from radium-226 and radium-228
  - -- 15 pCi/liter from gross alpha particles, including radium-226 but excluding radon and uranium
  - -- 4 mrem/year from gross beta and photon (gamma) particles

Focus of Protection

- For the 15 mrem/year primary standard above, radiological exposure is to be calculated for the average individual in a critical group
- The characteristics of the critical group (including location of the water supply well) will be based on the current day demographics and living habits of individuals living down gradient from the repository, in the Amargosa Valley area (about 30 km from Yucca Mountain)
- For the groundwater protection standard above, evaluation of compliance will be determined both at 20 km and 30 km down gradient from the repository

Regulatory Time Frame

- The above limits apply during the first 10,000 years after closure
- Performance assessments will be conducted past 10,000 years, out to the time of peak dose, in order to gain insight regarding longer-term repository performance
- These longer-term analyses will be included in the EIS
- Engineering measures that have potential for significantly reducing the peak dose, and could be implemented at reasonable cost, will be evaluated for possible inclusion in the reference design

## Attachment 2

## Viability Assessment Summary

A viability assessment of the Yucca Mountain site will be completed in fiscal year 1998. This assessment will consist of four components: 1) designs for critical underground features of the repository and waste package ; 2) an updated evaluation of the probable performance of the total system of natural and engineered barriers; 3) an estimate of the costs to construct and operate a repository using these designs; and 4) a plan and cost estimate to complete the additional technical work needed to prepare a license application. These components, taken together, will provide a better understanding of the repository design and its performance in the geologic setting, a better appreciation of the remaining work needed to prepare a license application, and a more precise estimate of the cost of a repository. The completion of these components will constitute a logical convergence point at which we can make a measurably improved appraisal of the prospects for geologic disposal at the Yucca Mountain site and provide this information to the Administration and Congress.

To support the viability assessment, we have focused, streamlined, prioritized, and integrated our science, engineering, and management activities. We also plan to complete excavation of the Exploratory Studies Facility main tunnel in 1996, and the rest of the 5 mile loop in 1997. This excavation will allow underground testing to collect key scientific and engineering data at the potential repository level .

After completion of the viability assessment, this same body of work will serve as a foundation for the Program's evaluation of site suitability, the development of an environmental impact statement, the Secretary's site recommendation to the President, and the Program's license application to the Nuclear Regulatory Commission.

Repository and Waste Package Design

The first component of the viability assessment will address those design elements that are critical to determining the feasibility and performance of the repository and the engineered barrier system. The effort will evaluate the technological feasibility of the designs but will not yet contain the detail needed for licensing. The designs will build on our existing design work documented in the 1996 *Mined Geologic Disposal System Advanced Conceptual Design Report*, with emphasis placed on the key technical questions that affect waste containment and isolation, performance, and cost. These questions revolve around thermal management of the waste-generated heat, corrosion of waste packages, the role of supplemental engineered barriers, and transport of radioactive wastes. In addition, the effort will address concepts for waste retrieval operations, performance confirmation requirements, safety systems, and other factors that significantly affect repository costs.

Scientific and engineering information gained during construction and testing in the Exploratory Studies Facility, as well as results from surface-based and laboratory testing, will be incorporated into the designs. Scientific investigations and performance assessment activities will provide data and requirements for these designs. These designs for the viability assessment will identify the additional design detail needed to support the license application, and will contribute to the total system performance assessment.

Total System Performance Assessment

The second component of the viability assessment will be a total system performance assessment based on our updated, phase I design and the analyses of available site and engineering data. The primary objective of the total system performance assessment is to evaluate the probable behavior of the potential repository. An additional objective is to further refine our evaluations of repository performance under a range of normal conditions and an initial evaluation under a selected set of conditions imposed by potentially disruptive events, such as earthquakes and volcanism. The total system performance assessment will also evaluate the possible range of performance allowed by uncertainty in key factors such as ground-water flow, thermal effects, and corrosion. A phased peer review of this total system performance assessment will be conducted. This peer review will begin early in fiscal year 1997 and be completed in fiscal year 1999.

Performance assessment uses numerical and analytical models to predict the effectiveness of the repository system for controlling radionuclide releases to the biosphere. The relative importance of the characteristics of both the natural and engineered components of the system are directly related to the safety measures used to assess performance. The safety measures are generally expressed as potential exposure of the public to radiation along various pathways, as described in a biosphere model. Because of the complexity of the repository system and the relatively long regulatory time periods, the detailed models describing the processes at the site must often be abstracted to the simplest form possible, while still capturing the sensitive aspects of the system. A total-system performance assessment is accomplished when appropriate models describing all of the components of the system are linked together to estimate overall performance. Alternate conceptualizations of modeled processes, parameter variabilities and uncertainties are treated probabilistically and a synthesis of the realizations is then compared to the performance measures to determine compliance with safety standards. The total system performance assessment for the Viability Assessment will be the fourth in a series of iterative calculational efforts. The previous total system performance assessments have been used to help guide site characterization and design activities by determining which sensitive parameters and processes should be studied in more detail. They have also been used to test the ability of the total system performance assessment models to predict system behavior, and to progress toward more inclusive representations of the entire system.

Repository Cost and Schedule Estimates

The cost and schedule estimates for the repository system, the third component of the viability assessment, will address completion of site characterization, performance confirmation, and construction, operation, and closure of a potential repository at Yucca Mountain. The life-cycle cost and schedule estimates will provide information for policy decisions regarding the feasibility and rationale for continuing with licensing and construction of a geologic repository.

The cost estimates will be based on the repository and waste package designs, and scientific testing completed by 1998. We will use some design assumptions to augment the completed designs. To reduce the uncertainties inherent in such assumptions, design activities will place an emphasis on defining repository and engineered barrier system concepts and components that significantly affect costs.

License Application Plan

The fourth component of the viability assessment is the license application plan, which will identify the remaining scientific investigations and engineering information needed to complete a license application. Our long-term goal of submitting a docketable license application to the Nuclear Regulatory Commission, should the Yucca Mountain site be found suitable, remains central to the Program's mission. The preparation of the license application plan will also provide an opportunity to assess the adequacy of our revised approach to site characterization and design and the effectiveness of updates to the Program's regulatory framework.

The license application plan will, in 1997, describe the additional information we believe is needed to submit a docketable application for repository construction authorization to the Nuclear Regulatory Commission. In developing the plan, we will draw on the available models and data that describe the natural system, the repository and waste package designs, and the total system performance assessment, together with the strategy for evaluating waste containment and isolation. The plan will describe additional tests that will support the safety analysis for a repository design and which will be completed before submittal of the license application. It will also describe the performance confirmation program that will continue during repository construction and operation, to further reduce the uncertainties in predicting the long-term performance of the repository. The plan will also include a cost estimate for completing the activities needed to prepare the license application.

# Strategy to Incorporate DOE SNF into VA

Version 6/24/96

Attachment 3

# Overall Strategy to Incorporate DOE SNF into Viability Assessment

- Proposed focus on the Navy fuel (65 MTHM), the N-reactor fuel (2105 MTHM), and the Uranium Oxide fuels (90 MTHM commercial SNF, excludes TMI-2) for acceptance and disposal in the Viability Assessment
- Assumptions:
  - EM will continue to perform the waste form characterization testing activities
  - RW will review and offer suggestions on EM's SNF characterization test planning and data collection program.
  - the EM/RW relationship will be defined in a Memorandum of Agreement which will delineate responsibilities.
- Develop schedule for EM to provide data as required by the end users (waste package and repository design, TSPA) and as indicated on the Long Range Plan to meet the Viability Assessment and other OCRWM Program milestones
- Develop screening criteria to determine acceptability of EM fuels.
- Prepare bounding analyses for use in the draft EIS

# Strategy to Incorporate DOE SNF into Viability Assessment

- Evaluate any impacts to the schedule of incorporating these "few" DOE fuels into the baseline.
- Analyze the remaining DOE SNF to develop bounding characteristics assumptions
  - Detailed analyses on the remaining fuel types may still be required to support licensing. However, this analysis could be delayed until after VA, or deferred to an amended LA.

# Strategy to Incorporate DOE SNF into Viability Assessment

- Develop preliminary *Waste Acceptance Criteria for DOE SNF*
  - » note that the Baseline Change Proposal was to "***allow*** the acceptance ... and disposal ***of some or all*** DOE SNF in the first repository."
- Some DOE SNF fuel types may fail to meet repository requirements. Once identified, EM will be notified of the non-complying fuel; EM would then treat the fuel and the treated waste form would have to be evaluated for acceptability.
  - » The states have been granted primacy, by the EPA, in the determination of whether or not a waste is subject to RCRA.

# Strategy to Incorporate DOE SNF into Viability Assessment

- Identify information needs and when needed:
  - Identification of what information is needed and what information is available on the DOE SNF is currently being evaluated by the DOE SNF Steering Group.
    - » The results of the Steering Group's efforts should be considered as "starting points" for the program so that we do not re-invent the wheel.
  - RW-30 and RW-40 Technical Direction Letter directing M&O to develop an initial straw-man integrated listing of OCRWM-wide data needs and schedule regarding DOE SNF to be reviewed by RW offices. (based on existing documents/reports)
- If data cannot be acquired in time to support TSPA-VA and Design, use expert judgment and analogues to develop defensible "bounding" characteristics to support these milestones.

# Strategy to Incorporate DOE SNF into Viability Assessment

- In the remainder of FY96 to end of FY97, prepare the argument on how to bound the characteristics (data that is missing for the three "priority" fuels) and of the other DOE spent nuclear fuels for use in the draft EIS and incorporate these other fuels on a case-by-case or "group by group" basis for the license application.
- Categories must be technically justifiable
  - The DOE SNF can be grouped into categories, such as fuel matrix, cladding type, burnup, etc., which may minimize characterization needs.
  - Categories for characterization may not adequately address design needs
    - » Waste package and repository design must be assured that the critical components of the design will not need to change (or will need minimal change) to incorporate the remaining DOE SNF.
  - Performance assessment must be assured that the key parameters of waste isolation (e.g., those most sensitive to change) are not adversely affected by including the remaining DOE SNF.

# Strategy to Incorporate DOE SNF into Viability Assessment

- Develop schedule for EM to provide data in support of critical milestones (TSPA, design, VA, PISA, LA) in the Program Plan
  - Schedule development currently being worked by the DOE SNF Steering Group.
- Develop a new algorithm for cost sharing between commercial and DOE fuels
- Formulate a Program-wide and repository specific Concept of Operations that includes these waste forms

# Sensitivities to Strategy

- Proposed fuel categories do not include all politically sensitive fuel types:
  - TMI-2 fuels in storage at INEL; these fuels are included in the agreement with the state of Idaho
    - » potential RCRA characteristics
  - Foreign Research Reactor fuels; the recent EIS has placed these fuels in extremely high visibility with the public
    - » Includes aluminum clad Highly Enriched Uranium

Economic Assumptions

Provided below are the operating expense activities and federal personnel costs using the January 22, 1996 OMB prescribed inflation rates as provided below. The rates represent the most current rates received from OMB to date and should be used unless notified otherwise.

| Budget Year | Operating Expenses | Pay and Personnel Related |
|---|---|---|
| FY 1997 | 2.7 | 4.8 |
| FY 1998 | 2.7 | 4.2 |
| FY 1999 | 2.7 | 4.2 |
| FY 2000 | 2.7 | 4.2 |
| FY 2001 | 2.7 | 4.2 |
| FY 2002 | 2.7 | 4.2 |

**Department of Energy**
Office of Civilian Radioactive Waste Management
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MAR 12 1996

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PLANNING PACKAGE (SCPB: N/A)

This letter formally transmits the planning package (enclosure 1) to the Civilian Radioactive Waste Management System Management and Operating Contractor (CRWMS M&O). It includes the process by which the Steering Committee, U.S. Department of Energy Planning Coordinator and Support Team, and the CRWMS M&O will continue to interact during this next phase of the planning process. According to the enclosed schedule, by April 8, 1996, I expect the CRWMS M&O to have completed their validation of the draft Project Summary Schedule and draft Change Request (CR) with cost estimates and justifications. By April 22, 1996, the CR to baseline the Project Summary Schedule should be completed for activities through License Application. This must be consistent with the draft Project Summary Schedule (formerly called the Contingency Plan), including the milestones, activities, descriptions, logic ties, and coding structure, as laid out in this guidance package. Included also are the formal definitions of milestone levels which will be followed during the planning process. I expect that the Integrated Project Schedule/Long Range Plan with pricing and Bases of Estimates will be completed in July 1996, and the Biannual Plan completed in August 1996.

The level of detail should be sufficient to support high confidence budget estimates, to identify and define all level 3 customer-supplier interfaces; to validate and support all level 2 milestones; to identify and define all interfaces external to the Project; and to calculate schedule risk and probability of success. The cost estimates should not include any contingency; the contingency is included in Management reserve. The specific costing treatment should identify separately Program Management and Integration, fee and escalation, and should use only P3 (Primavera) resource loading profiles. The work should utilize the P3 schedule network and single support data base (known by the acronym CPMGDS).

Changes to this direction may only be recommended through the Yucca Mountain Project Manager's Planning Coordinator. The approval of such recommendations will come fr Steering Committee with concurrence of affected Assistant Managers, and be comm

writing to the CRWMS M&O by the Project Manager. They will be implemented in the planning data base. The approved planning data base will be used as the basis for all Project planning, including the various levels of detail in the Project Summary Schedule, Integrated Project Schedule/Long Range Plan, and Annual Work Plans. The data base will serve as the basis for input to the baseline and ultimately to the PACS.

for Wayne N. Kozai
Wesley E. Barnes
Project Manager

AMSL:JRS-1338

Enclosure:
Planning Package

cc w/o encl:
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DOE PLANNING PACKAGE CONTENTS

1. Assumptions
2. Viability Assessment Description (Program Plan)
3. Planning Process
4. Preliminary Integrated Safety Assessment (PISA) Outline
5. Draft Project Plan - Project Summary Schedule and Precedence/Successor Report
6. Draft Project Plan - Milestones and Definitions of Milestone Level
7. P3 File ~~(on data base only, Lotus Notes)~~ (IN COMPUTER FILE)
8. Activity Descriptions (on data base only)

Enclosure

# CONTINGENCY PLANNING ASSUMPTIONS

1. In lieu of a new regulatory standard from the EPA, YMSCO will use the DOE recommendations to EPA for a 10,000 year, dose based standard as the repository post-closure performance standard for the 1998 Viability Assessment. For details of the recommendations, refer to: *Additional Recommendations on the Environmental Protection Agency Standard for Yucca Mountain*, USDOE/OCRWM, March, 1996.

2. Preparation of the Preliminary Integrated Safety Assessment or any Safety Analysis Reports occurs simultaneously with "writing" of input.

3. The License Application will be prepared directly from the Preliminary Integrated Safety Assessment (PISA) with format changes sufficient only to comply with the NRC's License Application Review Plan. No separate Final Integrated Safety Assessment is required. An integrating document is required. Rather than the PISA format, a draft or otherwise preliminary safety analysis report conforming to NRC requirements may be used to guide site characterization activities. At a minimum, the PISA should be reevaluated.

4. DOE will interface continuously with the NRC to define content and needs for the License Application.

5. Qualified Process Model codes and Total System Performance Assessment codes will be available in FY 1997.

6. Siting guidelines will be addressed as follows:

   10 CFR 960- in a companion document to the Preliminary Integrated Safety Assessment. Assume no 10 CFR 960 revision activity is required in the contingency plan. Factor in the results of rulemaking when available.

   10 CFR 60 - in the License Application only

7. Annual Project funding cap is $300M in year-of-expenditure dollars, which includes:

   - A minimum $15M management reserve
   - Project QA activities and those Headquarters activities applicable to YMSCO
   - NV/AUG oversight
   - Scoring for the Bank of America lease which expires 3/31/97
   - Project portion of the Support Services Contractor

8. ROD must accompany FEIS for successors.

9. The ESF east-west drift will be planned for FY 1999 using the cost basis for the North Ramp Extension. Drifting in the Calico Hills is not required.

10. No multi-drift long duration heater test is required.

11. A draft 10 CFR 960 compliance report will be prepared in lieu of a draft site recommendation report. The 10 CFR 960 compliance report will contain the material within the control of OCRWM which eventually feeds the statutory site recommendation. That site recommendation will not be driven by the current interpretation of 10 CFR 960.

12. A sufficient LSS program will be planned to support licensing.

13. The planning basis will include a Viability Assessment in FY 1998 and major out-year milestones as defined by submittal of the license application in March, 2002 with supporting milestones as defined by NWPA.

radionuclides that are released from corroded waste packages will be delayed or stopped by rocks that tend to capture some of the radionuclides. Radionuclides that reach the water table will mix with flowing groundwater and be diluted. The geochemical processes that retard radionuclide transport above the water table will continue to affect radionuclide movement below the water table.

**Doses to the Public.** Local inhabitants could be exposed to some of the radionuclides that reach the water table and travel beyond the site boundary. Performance assessments indicate that the peak exposure, expected to occur hundreds of thousands of years in the future, to an individual who obtains water from a well in the zone of highest contamination is likely to be lower than the annual dose from background radiation. This calculation conservatively assumes that all water consumed is contaminated and that today's purification technologies are not used.

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### 2.1.2 The 1998 Viability Assessment of the Yucca Mountain Repository Site

#### Viability Assessment Tasks

The viability assessment will include a set of four tasks: designs for the repository and waste package, a total system performance assessment, a license application plan, and repository cost and schedule estimates. We have prioritized and integrated our science, engineering, and management activities to support a completion of these tasks by 1998.

If the assessment of the site's viability is favorable, this same body of work will serve as a foundation for the Program's formal evaluation of site suitability, a Secretarial site recommendation to the President, and a license application to the Nuclear Regulatory Commission. The viability assessment alone, however, will not provide all of the information required for these statutorily prescribed actions. A completed environmental impact statement and more comprehensive information in support of the license application will also be needed.

**Repository and Waste Package Designs.** As the first component of the 1998 viability

assessment, this task will address those design elements that are critical to determining the feasibility and performance of the repository and the engineered barrier system. The effort will evaluate the technological feasibility of the designs but will not develop the detail needed for licensing. The designs will build on our previous work, with emphasis placed on the key technical questions that affect performance and cost. These questions, based on our waste isolation and containment strategy, revolve around thermal management of the waste-generated heat, the role of supplemental engineered barriers, corrosion of waste packages, and dissolution of radioactive wastes. In addition, the effort will address safety systems and other factors that significantly affect repository costs.

Scientific and engineering information gained during construction and testing in the Exploratory Studies Facility will be incorporated into the designs. Core science and performance assessment activities will provide data and criteria for designs. The designs will serve as a basis for estimates of repository cost and schedule and for identifying additional design work needed for licensing, and will feed into the total system performance assessment.

ADD: Figure 4, Preliminary Repository Design at Yucca Mountain

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SIDEBAR INFORMATION

**Engineering Design**

The ability of the repository to safely contain wastes depends both on the geologic setting and on the design of the repository and waste packages, in addition to supplemental engineered barriers that may be used. The layout of the repository, for example, will affect the thermal interactions between the wastes, the rocks, and the ground water. The waste package -- the container for the spent fuel and high-level radioactive waste during and after emplacement operations -- will be designed to significantly delay and limit releases into the surrounding rocks until the short-lived radioactive materials decay to background levels.

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**Total System Performance Assessment.** The second component of the 1998 Viability Assessment will be a total system performance assessment based on our design concepts and the analyses of available site data. It will describe the probable behavior of the proposed repository and its ability to meet safety standards. The objective for the total system performance assessment will be to further refine our evaluations of repository performance under a range of normal conditions and under conditions imposed by potentially disruptive events, such as earthquakes and volcanism. The performance assessment will also evaluate the possible range of performance caused by uncertainty in key factors such as groundwater flow, thermal effects, and corrosion.

---

SIDEBAR INFORMATION

**Performance Assessment**

Performance assessment is an analytical technique that uses computer models to evaluate the ability of the repository site to contain and isolate wastes. This ability will depend on the characteristics of the natural geologic barrier and the engineered barrier, which includes the waste package and any supplemental man-made barriers. Mathematical models of the physical processes that affect waste containment and isolation, such as water flow in the geologic setting, are abstracted, or simplified, and linked to one another in order to develop an estimate of the overall performance of the repository, referred to as a *total system performance assessment*. To evaluate potential radiation exposure to the public from the waste emplaced in the repository site, performance assessment uses biosphere models. A biosphere model describes the pathways by which individuals in the vicinity of Yucca Mountain might receive doses from radionuclides that have been released from a repository. Performance assessments are iterative, in that the information gained from each effort, together with newly acquired scientific and engineering information, is used to guide subsequent assessments. The latest iteration, *Total System Performance Assessment - 1995*, has provided insights for the development of this revised program plan.

The overall philosophy of any total system performance assessment is to evaluate future repository behavior by using models and parameters that are as representative as current information allows. In those cases where representative information is not available or is very uncertain, conservative bounding assumptions

must be made.

An important objective of performance assessment modeling is to identify the significance of the current uncertainty in processes, models, and parameters on the system performance. The impact of the uncertainty is directly evaluated in the assessments themselves by the probabilistic nature of the analyses. Those components that are most significant and uncertain are identified as warranting additional information. This provides direct input to the site characterization and design programs to assist in prioritizing the necessary testing to, in turn, develop more robust and defensible performance assessments.

Total system performance assessments evolve with time. As site and design information matures, performance assessment analyses are revised to become more representative of the expected conditions. Iterations of total system performance assessments of the Yucca Mountain site and associated engineered barriers have been conducted in 1991, 1993, and 1995. Activities supporting *Total System Performance Assessment - 1998* are underway. *Total System Performance Assessment - 1998* will be a principal component of the 1998 viability assessment.

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**License Application Plan**. The third component of the 1998 viability assessment is the license application plan, which will define scope, schedules, and the remaining work required to complete a license application. The goal of submitting and docketing a license application to the Nuclear Regulatory Commission, should the Yucca Mountain site be found suitable, remains central to the Program's mission. The preparation of the license application plan will also provide an opportunity to assess the adequacy of our redirected approach to site characterization and design and the effectiveness of adjustments to the repository's regulatory framework.

The license application plan will describe the information needed for the Nuclear Regulatory Commission to review the Program's repository construction request. In identifying this information, the Program will draw on the models and data that describe the natural system, the repository and waste package designs, and the total system performance assessment, together with the waste containment and isolation strategy. The plan will describe a testing program,

remaining to be completed before submittal of the initial license application, that will support safety assessments for a specific repository design. It will also outline confirmatory tests to occur during repository construction and operation to further reduce the uncertainties in long-term performance of the repository. The plan will also identify the additional design and performance assessment activities that will be conducted to support the license application. Finally, the plan will include a schedule that defines a path to a license application and an estimate of the funding level required.

**Repository Cost and Schedule Estimates.** The cost and schedule estimates for the repository system, the fourth component of the 1998 viability assessment, will address construction, operation, and closure of a repository at Yucca Mountain, reflecting the data available in 1998. The life-cycle cost and schedule estimates will be a factor in policy decisions regarding the feasibility and justification for continuing with the licensing and construction of a geologic repository.

The estimates will be based on the repository and waste package designs for the viability assessment and on additional design work and scientific testing anticipated for a license application. Because not all the details of the design will be fully developed by the 1998 viability assessment, we will use some design assumptions to complete the estimates. To reduce the uncertainties from such assumptions, design activities will center on defining repository and engineered barrier system concepts and components that significantly affect the cost estimate.

### 2.1.3 Updating the Regulatory Framework for the Repository

[substitute with final RW concept]

The repository siting guidelines (10 CFR Part 960) became effective in 1984, before Yucca Mountain was mandated to be the only site characterized and when scientific studies were in their early stages. We will propose revisions to the guidelines to focus on the most important aspects of evaluating a single site consistent with Congressional guidance provided in the Nuclear Waste Policy Act, as amended, and in the Fiscal Year 1996 appropriations process.

# YMSCO Planning Process

Steering Committee Functions[1]:

- Provides direction to the Support Group for implementing the planning process
- Recommends AMs/PM approval of planning packages provided to the M&O
- Approves all Level 0, 1 and 2 milestones
- Resolves conflicts related to implementation of guidance, as requested by the Support Group
- Facilitate communications with with the M&O on the planning process.

Support Group Functions[2]:

- Act as agents for the Steering Committee to provide continuous planning guidance
- Integrate the planning process across all program elements
- Prepare draft guidance for approval by the AMs
- Facilitate identification and resolution of issues, and make recommendations to the Steering Committee
- Maintain records of all changes to guidance documents
- Coordinate and review the M&O Products (detailed supporting schedules and costs) for content and adherence to the planning package.

Planning Process:

1. Support Group develops draft planning package which includes:
   - Draft Project Summary Schedule (PSS) network for YMP
   - Identification of Level 0, 1, 2 (and key level 3) milestones
   - Descriptions of all PSS activities, Level 0, 1 and 2 milestones and acceptance criteria
   - Activity durations and logic ties sufficient to integrate all program elements
   - Guidance for developing supportable cost estimates (including support costs[3])
   - Key assumptions
   - Schedule and description of the planning products.
2. AMs resolve issues (~weekly), concur with draft guidance and issue to M&O through the PM (or Planning Coordinator) for development of supporting schedule detail and costing of resources.
3. M&O evaluates planning package and recommends changes, if necessary, to the Planning Coordinator. The M&O then initiates planning at the next level of detail to support the draft PSS activity details and activity cost estimates with cost rationale, and identifies issues and risks.
4. Support Group members continuously interact with the M&O organization (through counter parts) during the preparation of schedule details and costs (item 3) and keep AMs and DOE staff informed of progress.

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[1] The Steering Committee is formed by the AMs, and DPM as voting members, and key M&O Ops Managers and PMO Manager as non-voting members.

[2] The Support Group is that group formed by the Steering Committee and includes the AM representatives, Planning Coordinator, Planning Facilitator(s) and M&O Planning Manager.

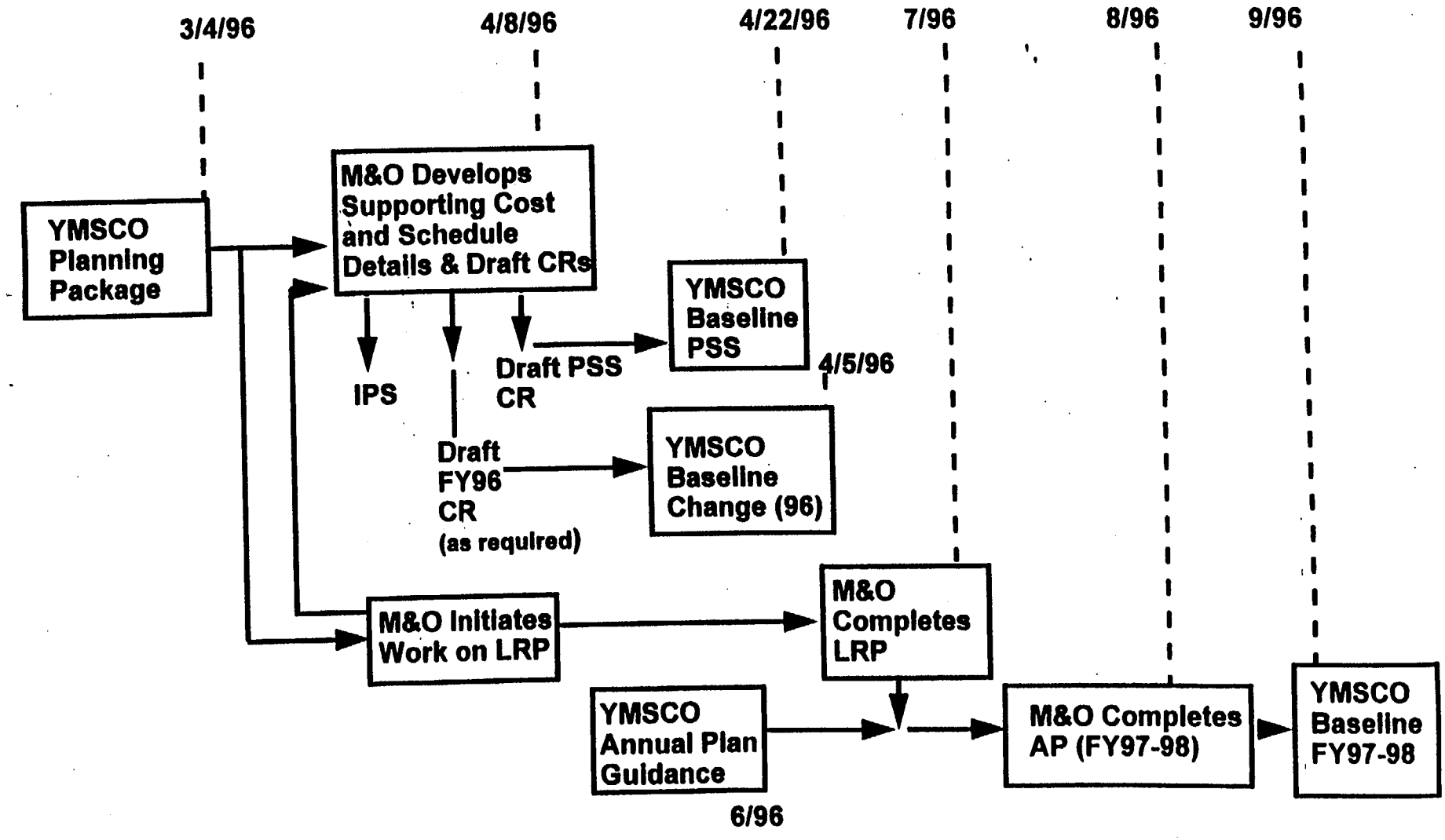
[3] The goal is to identify specific tasks for all Level-of-Effort activities and support services costs. Separate tasks should also be required for management overhead functions.

All recommended changes after transmittal of the planning package to the M&O will be recorded on a Planning Package Change Form.

5. AMs, DPM and PM review progress, issues, and changes weekly as a group and individually with respective M&O counterparts to ensure agreement.
6. Support Group reviews draft products for consistency and adherence to the planning package (item 1).
7. AMs review final product for acceptance and recommend same to DPM and PM. Once approved, only the steering committee can change schedule dates.
8. M&O prepares draft baseline change requests (CR) in accordance with YMSCO procedures for FY97-FY02. The draft change request (CR) for baselining PSS plan (1997-2002) will contain:
   - Proposed PSS
   - Key technical and planning assumptions
   - Level 0, 1 and 2 milestone descriptions with completion criteria
   - Summary cost plan (3rd level WBS by fiscal year)
   - Cost rationale
   - Cost and schedule risk assessment.

   In addition the M&O will produce supporting data related to commencing work on the Integrated Project Schedule data not baselined with the PSS:
   - Long Range Plan (LRP)
   - Annual planning details
   - Activity descriptions for each IPS activity
   - Key Level 3 milestones and deliverables with completion criteria
   - Cost estimates for each IPS activity.
9. The M&O will develop a draft Change Request for changes to the FY96 cost and schedule baseline, if required.
10. M&O will develop and recommend to the Support Group the minimum acceptable standards for the cost estimates to be developed during this phase of planning.
11. All future CRs must include an impact analysis performed with the Integrated Project Schedule network.

# M&O Planning During FY96

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# Planning Package Change Form

**Title:**

**Change Description:**

**Justification:**

**Impact:**

**Preparer:** **Date:**

# Planning Package Change Log

| Date | Requestor | Requested Change | Comments | Disposition | DOE Approval | M&O Concur-rence |
|---|---|---|---|---|---|---|
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# PRELIMINARY INTEGRATED SAFETY ASSESSMENT

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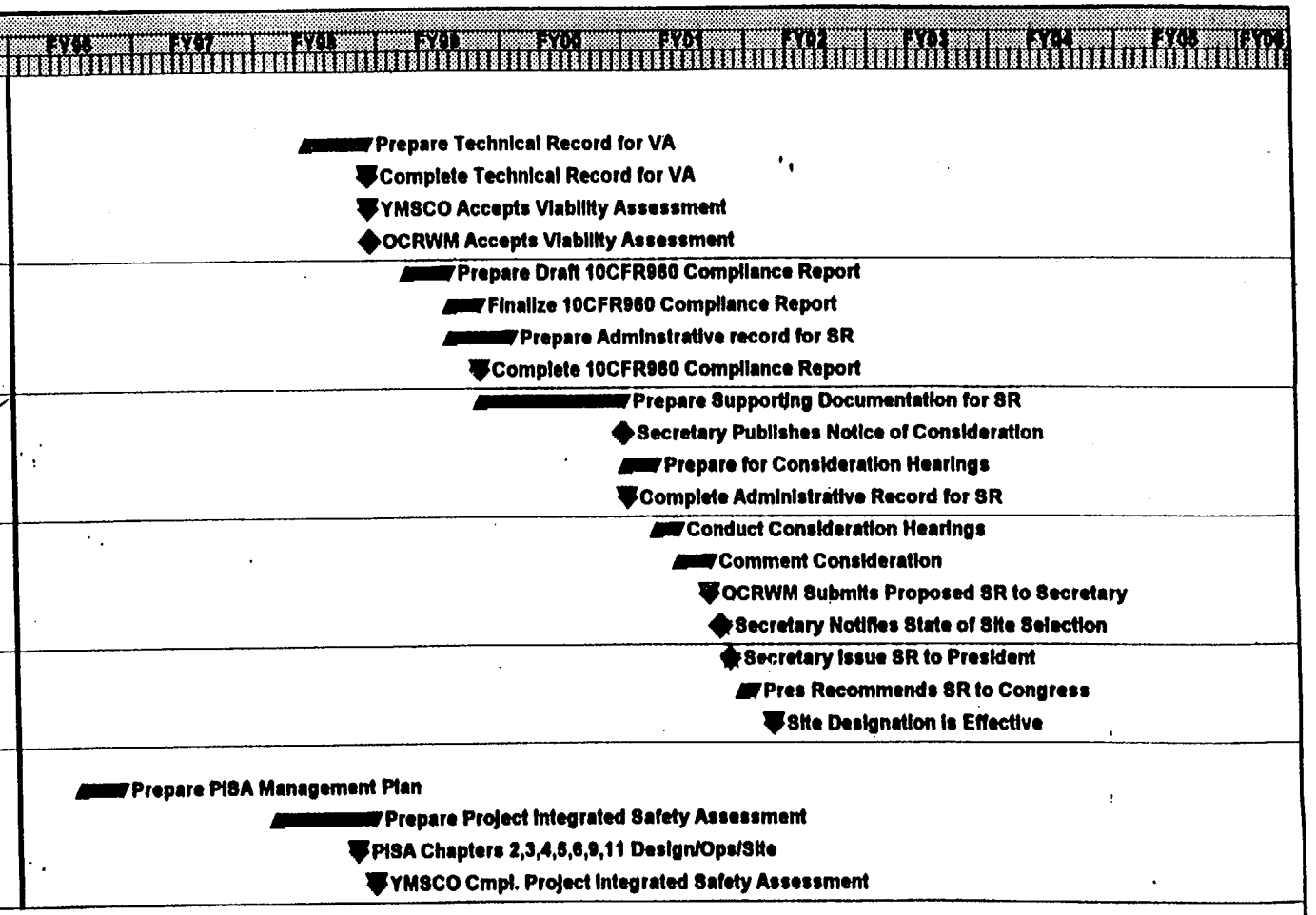
# Draft Project Plan - Summary Schedule Package

This package includes the complete integrated project summary schedule network from the Primavera file. The schedule, along with the Predecessor/Successor report and the CPMGDS data base, describes the project at the summary level. The following should be noted:

- durations are in work days, where one calendar month is approximately 22 work days
- all activities are assumed to start on their early start date
- the summary schedule is produced by responsibility areas, but can be sorted most any way desired, e.g., critical path, float, specific milestones and associated drivers, etc.
- for purposes of this planning exercise, critical path reports include activities with float up to 70 work days to show all near critical path activities.
- the precedence report shows predecessor (PR) and successor (SU) activities listed in alphabetical order by activity ID with no periods (..) in front
- predecessor activities that drive an activity are shown with an asterisk after the ID. Similarly, successor activities that are being driven by the activity are shown with an asterisk
- Arbitrarily constrained schedule dates are identified with an asterisk after the early finish date.

| Activity ID | Orig Dur | Early start | Early finish |
|---|---|---|---|
| **Site Recommendation** | | | |
| SR390 | 130 | 23FEB98* | 25AUG98 |
| SR390M2 | 0 | | 25AUG98 |
| SR400M2 | 0 | | 26AUG98 |
| SR400M1 | 0 | | 04SEP98 |
| SR205 | 88 | 17DEC98 | 19APR99 |
| SR506 | 66 | 20APR99 | 20JUL99 |
| SR445 | 130 | 20APR99 | 22OCT99 |
| SR506M2 | 0 | | 20JUL99 |
| SR455 | 307 | 21JUL99 | 21SEP00 |
| R5210M1 | 0 | | 21SEP00 |
| SR440 | 66 | 22SEP00 | 22DEC00 |
| SR445M2 | 0 | | 29SEP00 |
| SR457 | 45 | 25DEC00 | 23FEB01 |
| SR458 | 66 | 26FEB01 | 26MAY01 |
| SR459 | 0 | | 26MAY01 |
| R5220M0 | 0 | | 27JUN01 |
| R5200M0 | 0 | | 27JUL01 |
| SR800X | 24 | 29AUG01 | 01OCT01 |
| SR805MX | 0 | | 29NOV01 |
| | | | |
| LA190 | 89 | 01APR96* | 01AUG96 |
| LA200 | 211 | 31OCT97 | 21AUG98 |
| MG010M2 | 0 | | 29JUN98 |
| LA200M2 | 0 | | 21AUG98 |




Project Start 01OCT96
Project Finish 01MAR02
Data Date 01OCT96
Plot Date 13MAR96

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# Draft Project Plan
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| Date | Revision | Checked | Approved |
|---|---|---|---|
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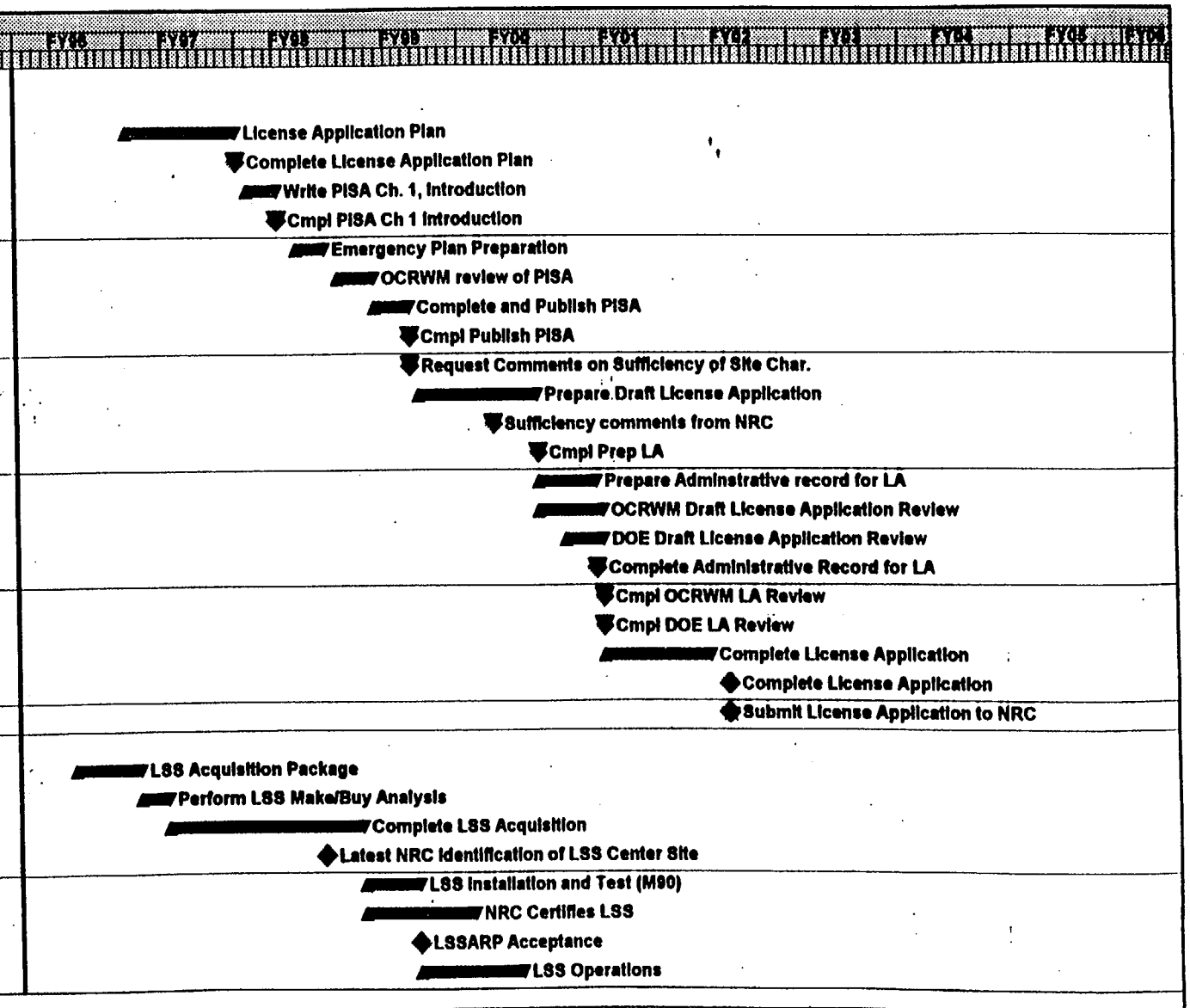
| Activity ID | Orig Dur | Early start | Early finish |
|---|---|---|---|
| **License Application** | | | |
| SR300 | 260 | 03OCT96* | 01OCT97 |
| SR300M2 | 0 | | 01OCT97 |
| LA355 | 66 | 31OCT97 | 06FEB98 |
| LA355M2 | 0 | | 06FEB98 |
| LA350 | 67 | 09APR98 | 10JUL98 |
| LA202 | 86 | 24AUG98 | 21DEC98 |
| LA204 | 84 | 22DEC98 | 16APR99 |
| LA204M2 | 0 | | 16APR99 |
| LA420M2 | 0 | | 16APR99 |
| LA360 | 284 | 12MAY99 | 12JUN00 |
| LA420MX | 0 | | 17JAN00 |
| LA360M2 | 0 | | 12JUN00 |
| LA370 | 130 | 13JUN00 | 19DEC00 |
| LA375 | 152 | 13JUN00 | 10JAN01 |
| LA800 | 89 | 08SEP00 | 10JAN01 |
| LA370M2 | 0 | | 19DEC00 |
| LA375M2 | 0 | | 10JAN01 |
| LA800M2 | 0 | | 10JAN01 |
| LA376 | 254 | 11JAN01 | 01JAN02 |
| R5181M1 | 0 | | 01MAR02 |
| R5182M0 | 0 | | 01MAR02* |
| IS182 | 184 | 01APR96* | 31OCT96 |
| IS180 | 66 | 01NOV96 | 31JAN97 |
| IS200 | 455 | 03FEB97 | 30OCT98 |
| IS190M1X | 0 | | 01JUL98* |
| IS195 | 131 | 02NOV98 | 03MAY99 |
| IS201 | 261 | 02NOV98 | 01NOV99 |
| R9894M1 | 0 | | 03MAY99 |
| IS141 | 245 | 04MAY99 | 10APR00 |

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Project Finish 01MAR06
Data Date 01OCT96
Plot Date 12MAR96

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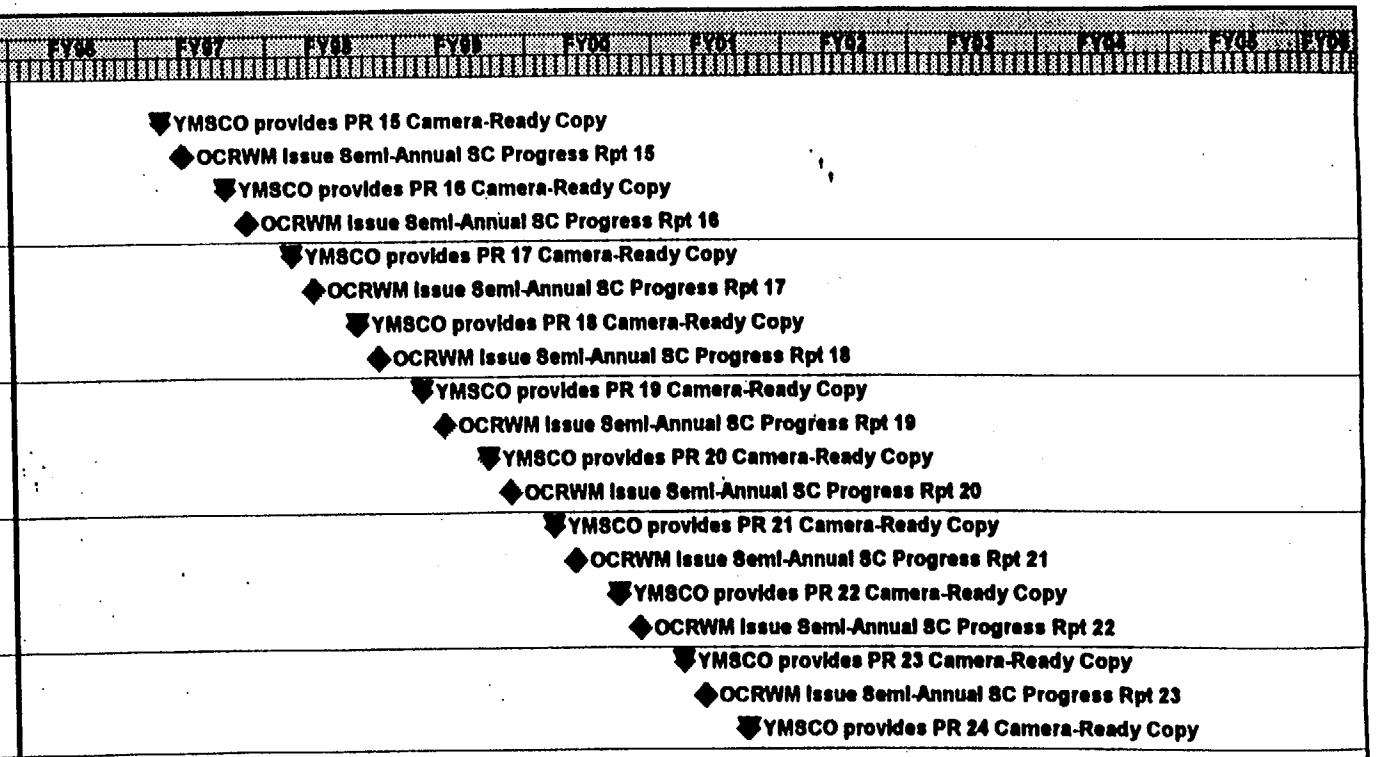
| Activity ID | Orig Dur | Early start | Early finish |
|---|---|---|---|
| PR15M2 | 0 | | 02DEC96* |
| PR15M1 | 0 | | 03FEB97* |
| PR16M2 | 0 | | 02JUN97* |
| PR16M1 | 0 | | 01AUG97* |
| PR17M2 | 0 | | 02DEC97* |
| PR17M1 | 0 | | 02FEB98* |
| PR18M2 | 0 | | 02JUN98* |
| PR18M1 | 0 | | 03AUG98* |
| PR19M2 | 0 | | 02DEC98* |
| PR19M1 | 0 | | 02FEB99* |
| PR20M2 | 0 | | 02JUN99* |
| PR20M1 | 0 | | 03AUG99* |
| PR21M2 | 0 | | 02DEC99* |
| PR21M1 | 0 | | 02FEB00* |
| PR22M2 | 0 | | 02JUN00* |
| PR22M1 | 0 | | 03AUG00* |
| PR23M2 | 0 | | 01DEC00* |
| PR23M1 | 0 | | 01FEB01* |
| PR24M2 | 0 | | 01JUN01* |

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Data Date 01OCT96
Plot Date 13MAR96

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## Performance Assessment

| Activity ID | Orig Dur | Early start | Early finish | Activity |
|---|---|---|---|---|
| PA204 | 271 | 17JUN96 | 30JUN97 | Abstraction/Testing WF degradation - VA |
| PA208 | 271 | 17JUN96 | 30JUN97 | Abstraction/Testing WP degradation - VA |
| PA095 | 201 | 02OCT96* | 09JUL97 | Computer Code Configuration |
| PA105 | 390 | 02OCT96* | 31MAR98 | Scenarios Development - VA |
| XPA01 | 271 | 03OCT96 | 16OCT97 | Abstraction/Testing of UZ Flow Models - VA |
| XPA03 | 271 | 03OCT96 | 16OCT97 | Abstraction/Testing of SZ Flow Models - VA |
| XPA05 | 271 | 26DEC96 | 08JAN98 | Abstraction/Testing of F&T Models - VA |
| PA210 | 271 | 06FEB97 | 19FEB98 | Abstraction/Testing WF Mobilization - VA |
| XPA09 | 271 | 06FEB97 | 19FEB98 | Abstraction/Testing of T/H Models - VA |
| XPA07 | 262 | 07FEB97 | 09FEB98 | Abstraction/Testing of NF Environ Models - VA |
| PA164 | 265 | 18AUG97 | 21AUG98 | Preclosure PA-VA/PISA Ch. 7 |
| PA230 | 265 | 18AUG97 | 21AUG98 | TSPA-VA/PISA Ch. 8 Analyses/Documentation |
| XPA11 | 225 | 13OCT97 | 21AUG98 | TSPA Input to NEPA |
| XPA12 | 225 | 13OCT97 | 21AUG98 | Preclosure PA Input to NEPA |
| XPA02 | 154 | 04MAR98 | 05OCT98 | Abstraction/Testing of UZ Flow Models - LA |
| XPA04 | 154 | 04MAR98 | 05OCT98 | Abstraction/Testing of SZ Flow Models - LA |
| XPA06 | 154 | 08JUN98 | 07JAN99 | Abstraction/Testing of F&T Models - LA |
| XPA08 | 154 | 09JUN98 | 08JAN99 | Abstraction/Testing of NF Environ Models - LA |
| XPA10 | 154 | 09JUN98 | 08JAN99 | Abstraction/Testing of T/H Models - LA |
| PA212 | 216 | 09JUN98 | 08APR99 | Abstraction/Testing WP degradation - LA |
| PA214 | 216 | 09JUN98 | 08APR99 | Abstraction/Testing WF Mobilization- LA |
| PA202 | 260 | 03AUG98 | 30JUL99 | Preclosure PA Sensitivity for LA |
| PA164M2 | 0 | | 21AUG98 | Cmpl Preclosure PA-VA/PISA Ch. 7 |
| PA230M2 | 0 | | 21AUG98 | Cmpl TSPA-VA/PISA Ch. 8 Analyses/Documentation |
| PA206 | 216 | 24AUG98 | 23JUN99 | Abstraction/Testing WF degradation - LA |
| PA107 | 267 | 24AUG98 | 31AUG99 | Scenarios Development - LA |
| PA200 | 260 | 27NOV98 | 25NOV99 | TSPA Sensitivity for LA |
| PA202M2 | 0 | | 30JUL99 | Cmpl Preclosure PA Sensitivity for LA |
| PA200M2 | 0 | | 25NOV99 | Cmpl TSPA Sensitivity for LA |

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| Date | Revision | Checked | Approved |
|---|---|---|---|

| Activity ID | Orig Dur | Early start | Early finish |
|---|---|---|---|
| SR500 | 255 | 01JUL96* | 20JUN97 |
| SR522 | 459 | 30SEP96* | 02JUL98 |
| SR520 | 269 | 17JUN97* | 26JUN98 |
| SR500M2 | 0 | | 20JUN97 |
| SR252 | 267 | 31JUL97 | 07AUG98 |
| SR540 | 73 | 11NOV97* | 19FEB98 |
| SR250 | 136 | 20FEB98* | 28AUG98 |
| SR520M2 | 0 | | 26JUN98 |
| SR522M2 | 0 | | 02JUL98 |
| SR250M2 | 0 | | 28AUG98 |
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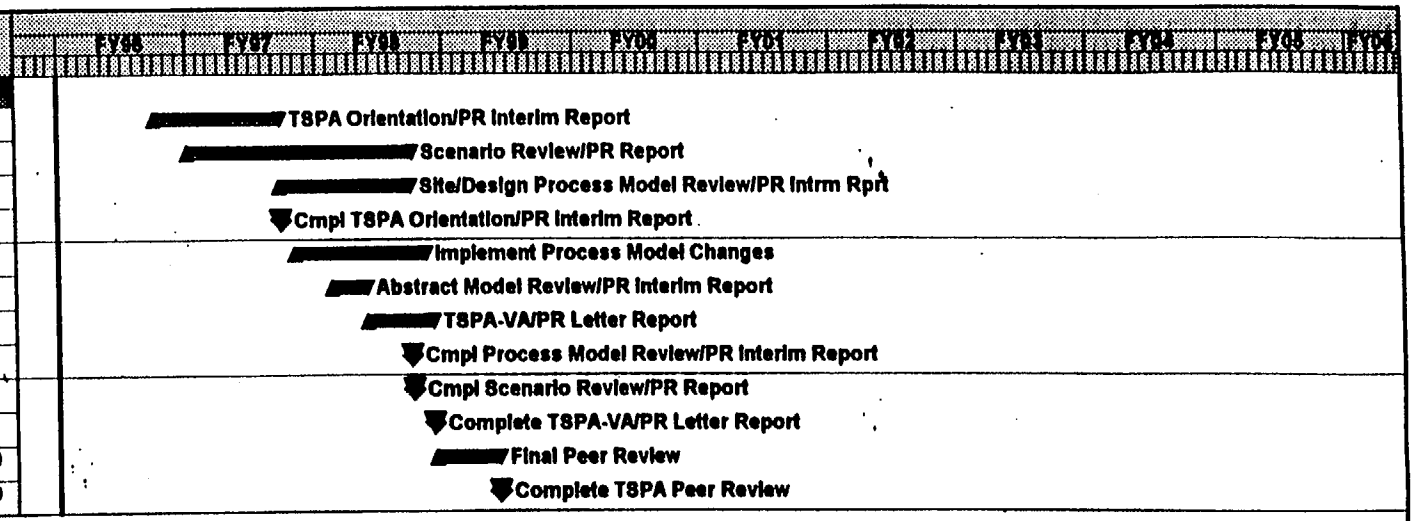


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Project Finish 01MAR99
Data Date 01OCT96
Plot Date 13MAR99

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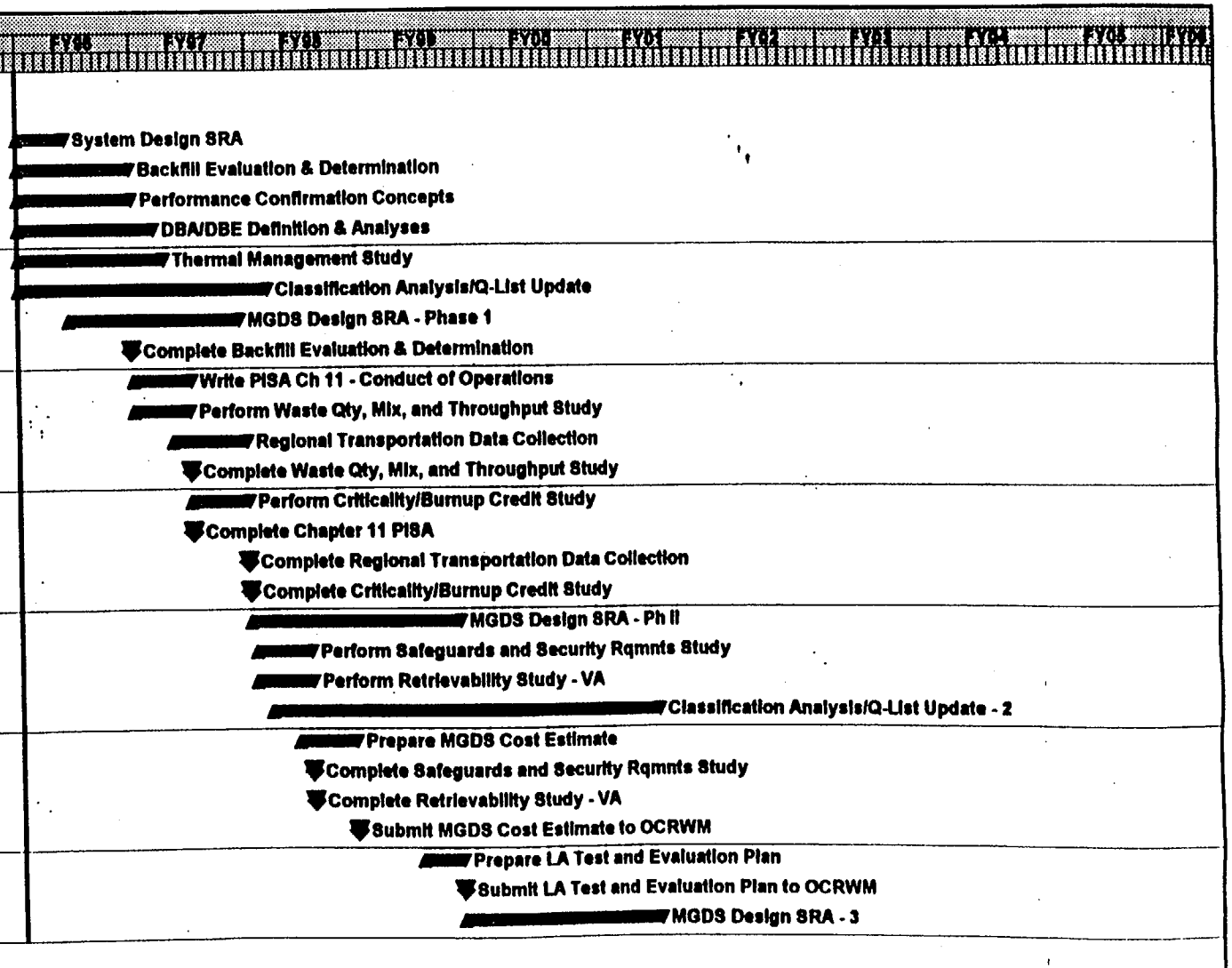
|---|---|---|---|

## System Engineering

| Activity ID | Orig Dur | Early start | Early finish |
|---|---|---|---|
| SE010 | 110 | 02OCT95 | 01MAR96 |
| SE350 | 259 | 02OCT95 | 26SEP96 |
| SE050 | 261 | 02OCT95 | 30SEP96 |
| SE310 | 311 | 02OCT95 | 09DEC96 |
| SE300 | 333 | 02OCT95 | 06JAN97 |
| SE320 | 569 | 02OCT95 | 04DEC97 |
| SE085 | 391 | 04MAR96 | 01SEP97 |
| SE350M2 | 0 | | 26SEP96 |
| SE306 | 134 | 01OCT96 | 04APR97 |
| SE200 | 130 | 02OCT96* | 01APR97 |
| SEXYZ | 171 | 31JAN97 | 26SEP97 |
| SEGHIM2 | 0 | | 01APR97 |
| SEOPQ | 131 | 01APR97* | 30SEP97 |
| SE306M2 | 0 | | 04APR97 |
| SEXYZM2 | 0 | | 26SEP97 |
| SEOPQM2 | 0 | | 30SEP97 |
| SE125A | 475 | 30SEP97 | 26JUL99 |
| SEUVW | 127 | 14OCT97 | 08APR98 |
| SERST | 131 | 14OCT97 | 14APR98 |
| SE322 | 866 | 05DEC97 | 27APR01 |
| SE124 | 132 | 23FEB98 | 25AUG98 |
| SEUVWM2 | 0 | | 08APR98 |
| SERSTM2 | 0 | | 14APR98 |
| SE124M2 | 0 | | 25AUG98 |
| SEMNO | 90 | 23MAR99 | 26JUL99 |
| SEMNOM2 | 0 | | 26JUL99 |
| SE126 | 459 | 27JUL99 | 27APR01 |

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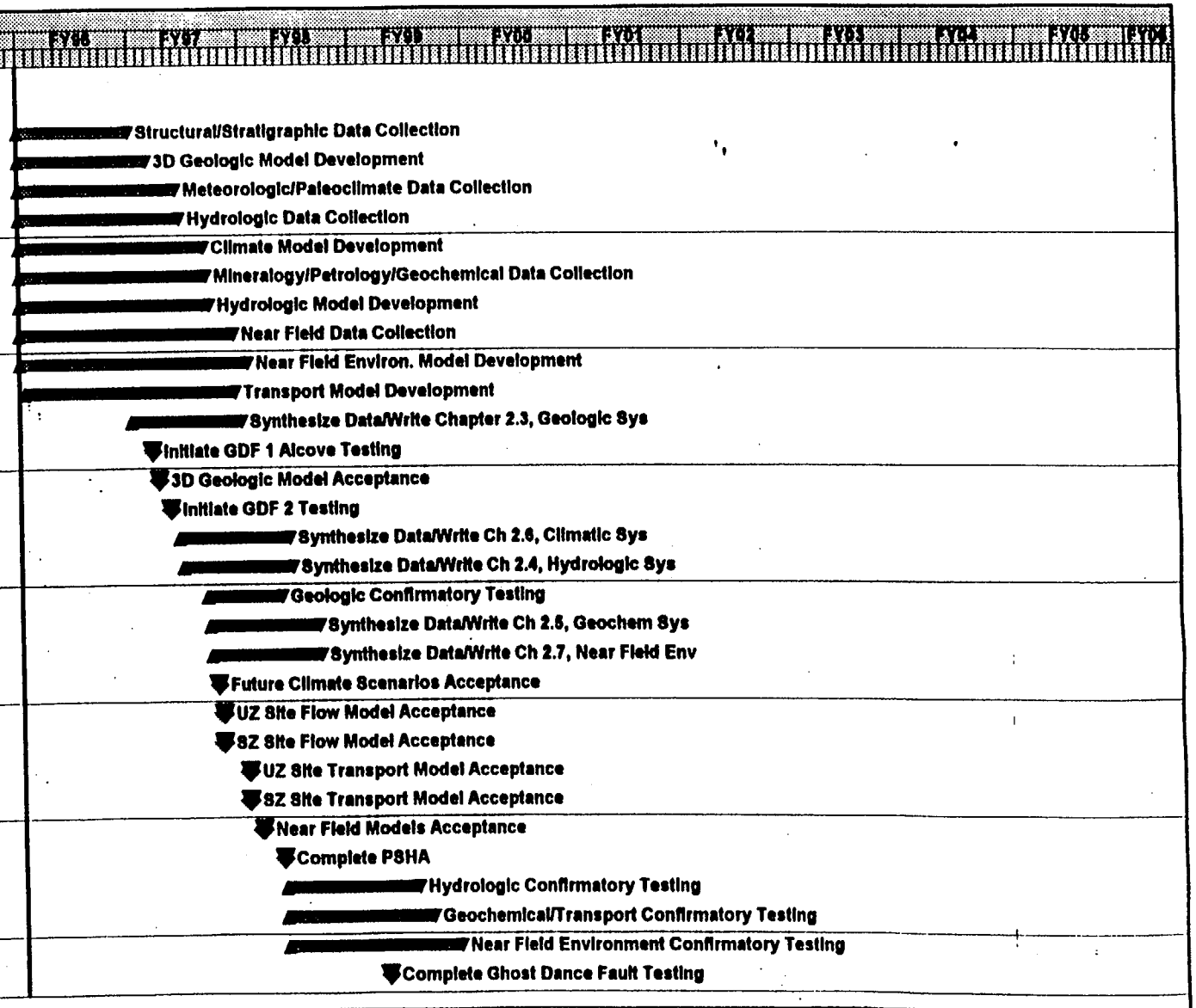
## Site Investigation

| Activity ID | Orig Dur | Early start | Early finish |
|---|---|---|---|
| ST2.3A | 261 | 02OCT95 | 30SEP96 |
| ST2.3B | 305 | 02OCT95 | 29NOV96 |
| ST2.6A | 371 | 02OCT95 | 03MAR97 |
| ST2.4A | 380 | 02OCT95 | 14MAR97 |
| ST2.6B | 436 | 02OCT95 | 02JUN97 |
| ST2.5A | 440 | 02OCT95 | 06JUN97 |
| ST2.4B | 446 | 02OCT95 | 16JUN97 |
| ST2.7A | 501 | 02OCT95 | 01SEP97 |
| ST2.7B | 536 | 02OCT95 | 20OCT97 |
| ST2.5B | 496 | 16OCT95 | 08SEP97 |
| ST2.3D | 260 | 01OCT96 | 29SEP97 |
| ST2.4M2A | 0 | | 10DEC96 |
| ST2.3BM2 | 0 | | 31DEC96 |
| ST2.4M2B | 0 | | 05FEB97 |
| ST2.6D | 260 | 04MAR97 | 02MAR98 |
| ST2.4D | 260 | 17MAR97 | 13MAR98 |
| ST2.3E | 175 | 04JUN97 | 03FEB98 |
| ST2.5D | 260 | 09JUN97 | 05JUN98 |
| ST2.7D | 260 | 10JUN97 | 08JUN98 |
| ST2.6BM2 | 0 | | 02JUL97 |
| ST2.4BM2 | 0 | | 16JUL97 |
| ST2.4BM2A | 0 | | 16JUL97 |
| ST2.5BM2 | 0 | | 08OCT97 |
| ST2.5BM2A | 0 | | 08OCT97 |
| ST2.7BM2A | 0 | | 19NOV97 |
| ST2.3DM2 | 0 | | 29JAN98 |
| ST2.4E | 312 | 04FEB98 | 15APR99 |
| ST2.5E | 346 | 04FEB98 | 02JUN99 |
| ST2.7E | 406 | 11FEB98 | 01SEP99 |
| ST2.4EM2A | 0 | | 05JAN99 |

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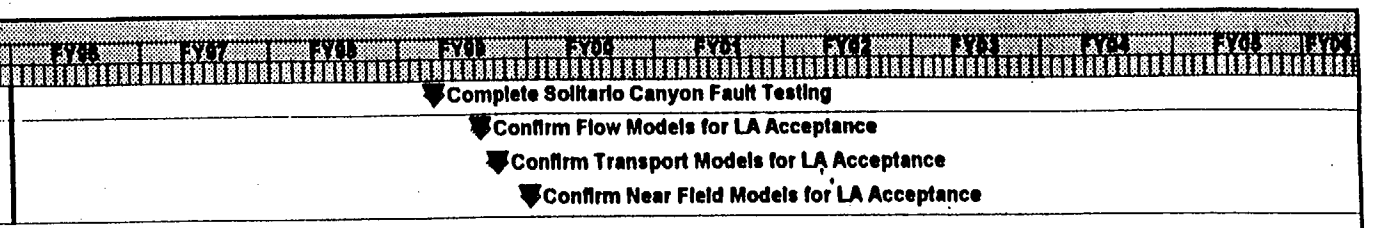
| Activity ID | Orig Dur | Early start | Early finish |
|---|---|---|---|
| ST2.4EM2B | 0 | | 05JAN99 |
| ST2.4EM2 | 0 | | 17MAY99 |
| ST2.5EM2 | 0 | | 02JUL99 |
| ST2.7EM2 | 0 | | 01OCT99 |

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Project Finish 01MAY00
Data Date 01OCT96
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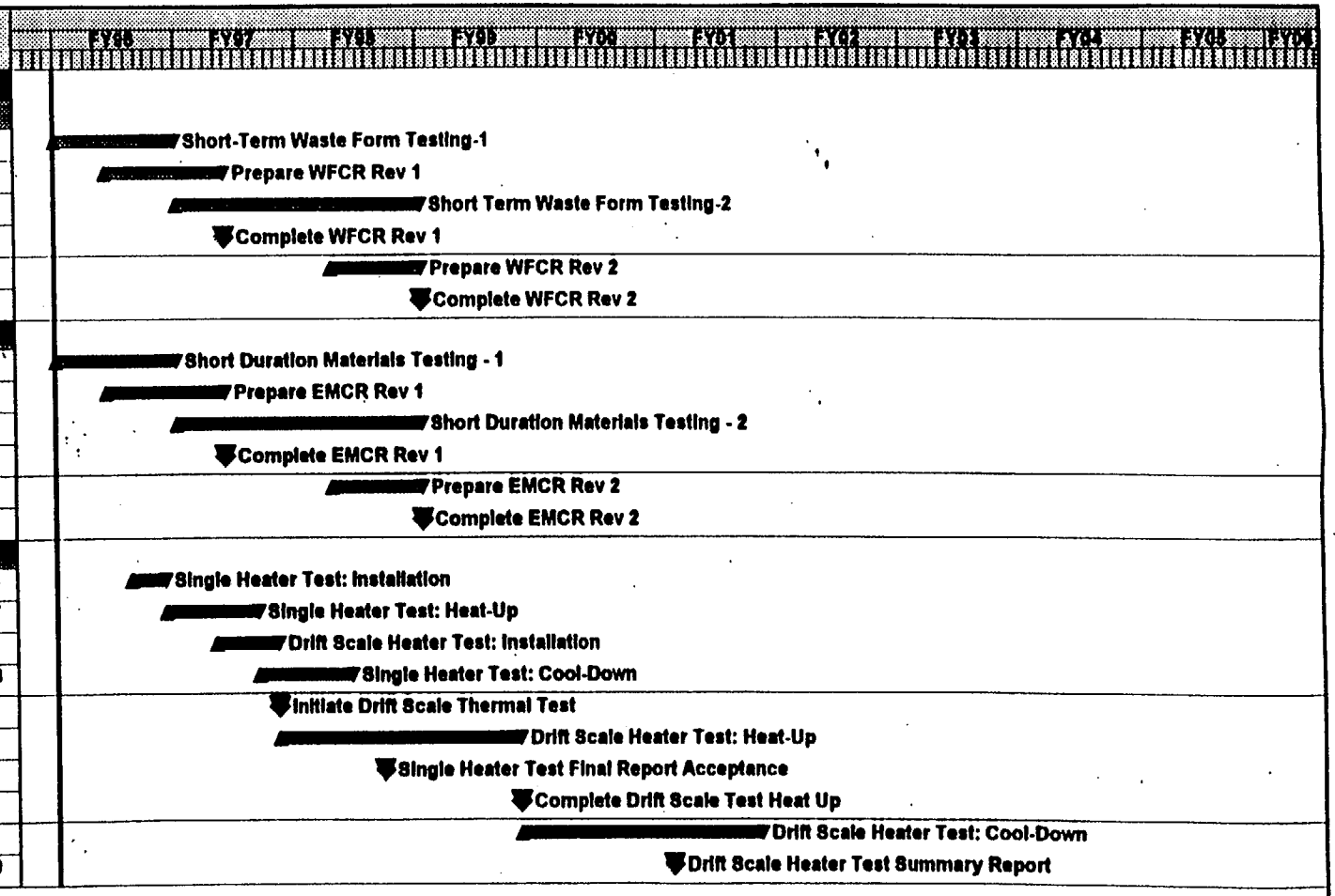
| | | | |

| Activity ID | Orig Dur | Early start | Early finish |
|---|---|---|---|
| **Testing** | | | |
| WP120 | 261 | 02OCT95 | 30SEP96 |
| WP0035 | 259 | 01MAR96 | 26FEB97 |
| WP085 | 527 | 01OCT96 | 07OCT98 |
| WP0035M2B | 0 | | 26FEB97 |
| WP110 | 194 | 09JAN98 | 07OCT98 |
| WP110M2B | 0 | | 07OCT98 |
| WP0021 | 261 | 02OCT95 | 30SEP96 |
| WP015 | 259 | 01MAR96 | 26FEB97 |
| WP0026 | 527 | 01OCT96 | 07OCT98 |
| WP015M2B | 0 | | 26FEB97 |
| WP0020 | 194 | 09JAN98 | 07OCT98 |
| WP0020M2B | 0 | | 07OCT98 |
| ST135 | 76 | 14MAY96 | 27AUG96 |
| ST195 | 198 | 28AUG96 | 30MAY97 |
| ST140 | 131 | 27JAN97 | 28JUL97 |
| ST205 | 200 | 02JUN97 | 06MAR98 |
| ST140M2 | 0 | | 28JUL97 |
| ST215 | 520 | 29JUL97 | 26JUL99 |
| ST205M2 | 0 | | 06JUN98 |
| ST215M2 | 0 | | 26JUL99 |
| ST225 | 520 | 27JUL99* | 23JUL01 |
| ST225M2 | 0 | | 30OCT00 |




Project Start 01OCT95
Project Finish 01MAR00
Data Date 01OCT96
Plot Date 12MAR96

Early
Progress Bar
Critical Activity

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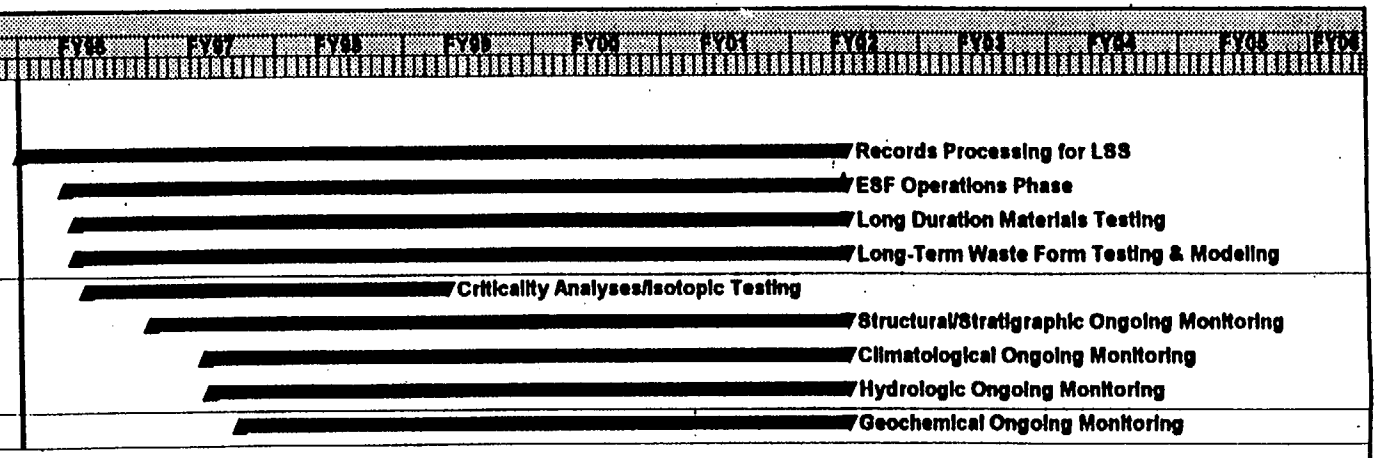
# Draft Project Plan
## March 12 1996

| Date | Revision | Checked | Approved |
|---|---|---|---|
| | | | |

## Performance Confirmation

| Activity ID | Orig Dur | Early start | Early finish | |
|---|---|---|---|---|
| IS140 | 1,675* | 02OCT95 | 01MAR02 | Records Processing for LSS |
| ES111 | 1,524* | 05FEB96 | 01MAR02 | ESF Operations Phase |
| WP060 | 1,566* | 01MAR96 | 01MAR02 | Long Duration Materials Testing |
| WP122 | 1,566* | 01MAR96 | 01MAR02 | Long-Term Waste Form Testing & Modeling |
| WP300 | 735 | 01APR96* | 22JAN99 | Criticality Analyses/Isotopic Testing |
| ST2.3C | 1,414* | 01OCT96 | 01MAR02 | Structural/Stratigraphic Ongoing Monitoring |
| ST2.6C | 1,304* | 04MAR97 | 01MAR02 | Climatological Ongoing Monitoring |
| ST2.4C | 1,295* | 17MAR97 | 01MAR02 | Hydrologic Ongoing Monitoring |
| ST2.5C | 1,235* | 09JUN97 | 01MAR02 | Geochemical Ongoing Monitoring |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT96
Plot Date 12MAR99

Early
Progress Bar
Critical Activity

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# Draft Project Plan
March 12 1996

| Date | Revision | Checked | Approved |
|---|---|---|---|

| Activity ID | Orig Dur | Early start | Early finish | |
|---|---|---|---|---|
| **NEPA** | | | | |
| NE1240M2 | 0 | | 01OCT96* | EIS Contract Awarded |
| NE1038 | 66 | 01OCT96* | 31DEC96 | Review of Scoping Results |
| NE1010 | 86 | 01OCT96* | 30JAN97 | Identify and Eval existing data for NEPA |
| NE1013 | 90 | 01JAN97 | 06MAY97 | Prepare Scoping Comment Response Document |
| NE1040 | 34 | 31JAN97 | 19MAR97 | First Draft DOPAA |
| NE1016 | 173 | 31JAN97 | 30SEP97 | Gather Design/PA/Affected Environment Data |
| NE1070 | 31 | 20MAR97 | 01MAY97 | Final DOPAA |
| NE1038M2 | 0 | | 06MAY97 | Issue EIS Scoping Comment Response Document |
| NE1250 | 120 | 30SEP97 | 16MAR98 | Preliminary Impacts Assessment |
| NE1045 | 130 | 30SEP97 | 08APR98 | Write PISA Ch. 10, Radiation Protection |
| NE1024 | 121 | 17MAR98 | 01SEP98 | Impacts Analysis |
| NE5024 | 44 | 02SEP98 | 02NOV98 | PISA/PDEIS Variance Analysis |
| NE5001 | 120 | 02SEP98 | 16FEB99 | Prepare PDEIS |
| NE5001M2 | 0 | | 16FEB99 | Issue Preliminary DEIS |
| NE5003 | 22 | 17FEB99 | 18MAR99 | DOE HQ Review |
| NE1025 | 118 | 17FEB99 | 30JUL99 | DEIS Prepare and Issue |
| R5151M1 | 0 | | 30JUL99 | Publish Draft EIS |
| NE1032 | 132 | 30JUL99 | 31JAN00 | Public Comment Period (6 Months) |
| NE1033 | 120 | 30SEP99 | 15MAR00 | Comment Resolution |
| NE1039 | 73 | 01FEB00 | 11MAY00 | PFEIS Prepare and Issue |
| NE1039M2 | 0 | | 11MAY00 | Issue Preliminary Final EIS |
| NE1043 | 22 | 12MAY00 | 12JUN00 | DOE HQ Review |
| NE1041 | 76 | 12MAY00 | 25AUG00 | FEIS Prepare and Issue |
| NE1043M0 | 0 | | 25AUG00 | Publish FEIS |
| NE1042 | 25 | 28AUG00 | 29SEP00 | ROD Prepare and Issue |
| R5171M0 | 0 | | 29SEP00 | Publish FEIS Record of Decision |

FY95 FY97 FY98 FY99 FY00 FY01 FY02 FY03 FY04 FY05 FY06

Project Start 01OCT96
Project Finish 01MAR00
Data Date 01OCT96
Plot Date 12MAR99

Early
Progress Bar
Critical Activity

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# Draft Project Plan
## March 12 1996

| Date | Revision | Checked | Approved |
|---|---|---|---|

| Activity ID | Orig Dur | Early start | Early finish | |
|---|---|---|---|---|
| **MGDS** | | | | |
| XMG0070 | 336 | 01APR96* | 30JUL97 | Develop TSLCC input for VA |
| XMG0018 | 123 | 01OCT96* | 31MAR97 | Finalize ConOps/Funct Flow |
| MG050 | 61 | 07JUL97 | 29SEP97 | MGDS Design Phase I Review |
| XMG0080 | 246 | 04AUG97* | 27JUL98 | Develop Final TSLCC Input |
| MG120M2 | 0 | | 29SEP97 | Complete MGDS Design - Phase I |
| MG010 | 195 | 30SEP97 | 29JUN98 | Write Design/Operations PISA CH. 3,4,5,6,9,11 |
| MG060 | 66 | 30APR99 | 30JUL99 | MGDS Design Phase II Review |
| MG170AM2 | 0 | | 06AUG99 | Complete MGDS Design - Phase II |
| MG070M | 0 | 09AUG99 | | Start MGDS Design - Phase III |
| MG070 | 66 | 27NOV01 | 01MAR02 | MGDS Design Phase III Review |
| MG070M2 | 0 | | 01MAR02 | Complete MGDS Design Phase III |
| WP080 | 261 | 02OCT95 | 30SEP96 | Criticality Analysis Technical Report |
| WP050A | 521 | 02OCT95 | 29SEP97 | EBS Design - Phase I |
| XWP508 | 123 | 10JUN96* | 05DEC96 | Develop Galvanic Corrosion Protection |
| XWP511 | 200 | 10JUN96* | 27MAR97 | Determine Near field Environment Impacts |
| XWP3015 | 272 | 03SEP96* | 01OCT97 | Develop Tech Specs |
| WP080M2 | 0 | | 30SEP96 | Complete Disposal Criticality Technical Report |
| WP150 | 267 | 01OCT96 | 05OCT97 | Develop Criticality Control Topical Report |
| WP050 | 475 | 06OCT97 | 30JUL99 | EBS Design - Phase II |
| WP150M2 | 0 | | 05OCT97 | Update Disposal Criticality Topical Report |
| WP100 | 198 | 22APR98 | 22JAN99 | Update Disposal Criticality Topical Report |
| WP275 | 642* | 09AUG99 | 01MAR02 | EBS Design Phase III |
| RP120 | 521 | 02OCT95 | 29SEP97 | Subsurface Design - Phase I |
| XRP2035 | 149 | 01FEB96* | 30AUG96 | Develop Subsurface Layout |
| XRP502 | 292 | 01FEB96* | 31MAR97 | Develop WP Handling Concept |
| XRP500 | 283 | 13MAR96* | 14MAR97 | Identify Emplacement Drift Materials |
| XRP506 | 136 | 10JUN96* | 24DEC96 | Develop drift stability approach |
| XRP510 | 287 | 10JUN96* | 30JUL97 | Determine Near field Environment Impacts |

FY95 FY97 FY98 FY99 FY00 FY01 FY02 FY03 FY04 FY05 FY06

Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT96
Plot Date 12MAR96

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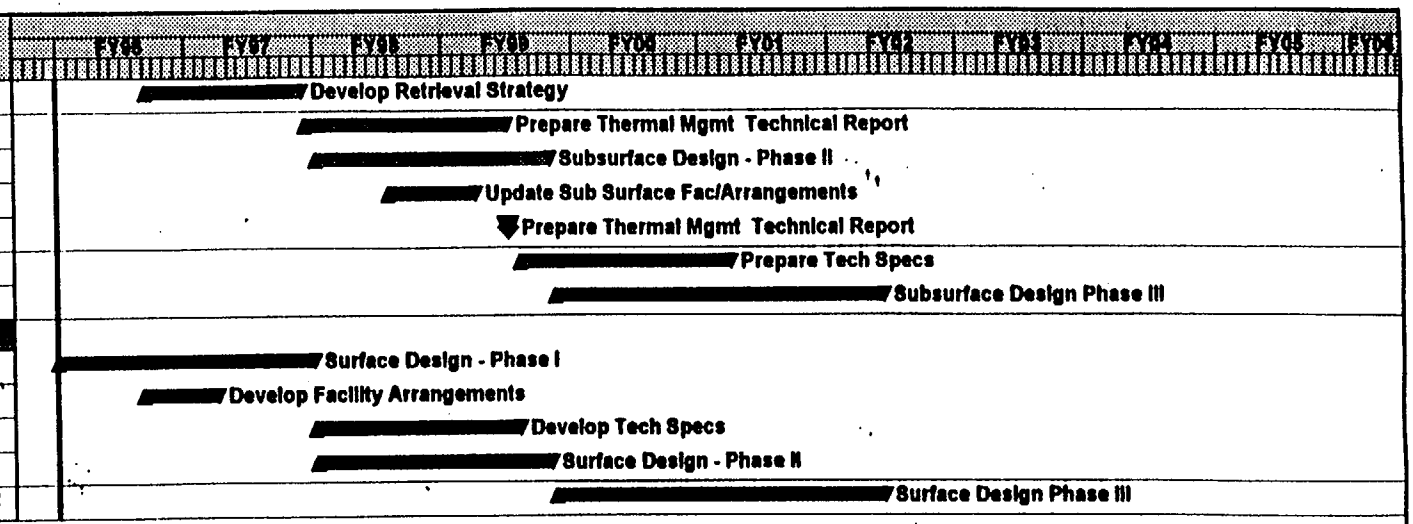
# Draft Project Plan
## March 12 1996

| Date | Revision | Checked | Approved |
|---|---|---|---|

| Activity ID | Orig Dur | Early start | Early finish |
|---|---|---|---|
| XRP504 | 309 | 10JUN96* | 29AUG97 |
| XRP2215 | 395 | 02SEP97* | 31MAR99 |
| RP170A | 475 | 06OCT97 | 30JUL99 |
| XRP2055 | 168 | 30APR98* | 31DEC98 |
| RP2215M2 | 0 | | 31MAR99 |
| XRP2025 | 417 | 30APR99* | 28DEC00 |
| RP180 | 642* | 09AUG99 | 01MAR02 |
| RP020 | 521 | 02OCT95 | 29SEP97 |
| XRP1050 | 146 | 31MAY96* | 31DEC96 |
| XRP1025 | 395 | 02OCT97* | 30APR99 |
| RP070A | 475 | 06OCT97 | 30JUL99 |
| RP080 | 642* | 09AUG99 | 01MAR02 |




Project Start 01OCT96
Project Finish 01MAR02
Data Date 01OCT96
Plot Date 13MAR96

Early
Progress Bar
Critical Activity

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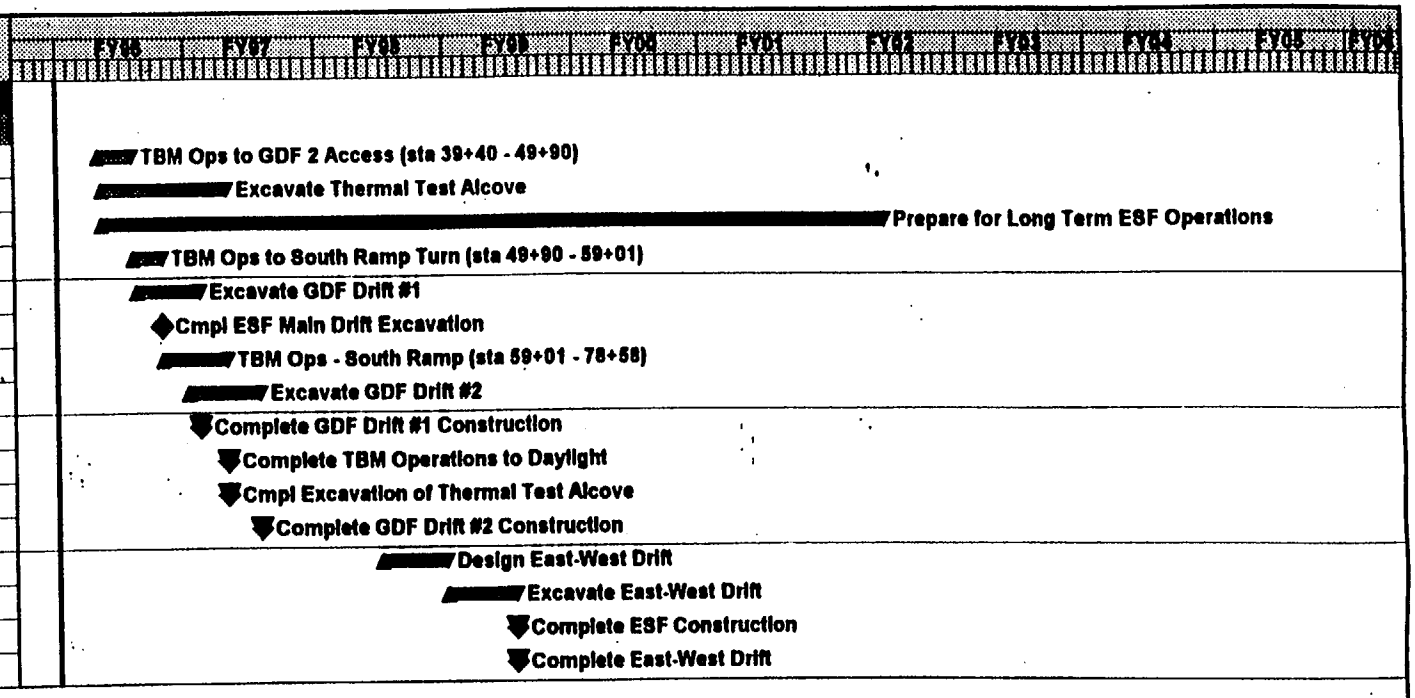
# Draft Project Plan
## March 12 1996

| Date | Revision | Checked | Approved |
|---|---|---|---|
| | | | |

| Activity ID | Orig Dur | Early start | Early finish |
|---|---|---|---|
| **ESF/TBM Operations** | | | |
| ES080 | 72 | 22JAN96* | 30APR96 |
| ES100 | 255 | 05FEB96* | 24JAN97 |
| ES088 | 1,585* | 05FEB96 | 01MAR02 |
| ES085 | 61 | 01MAY96 | 24JUL96 |
| ES270 | 130 | 13MAY96 | 08NOV96 |
| ES085M1 | 0 | | 24JUL96 |
| ES093 | 131 | 25JUL96 | 23JAN97 |
| ES271 | 145 | 07OCT96* | 25APR97 |
| ES270M2 | 0 | | 08NOV96 |
| ES093M2 | 0 | | 23JAN97 |
| ES100M2 | 0 | | 24JAN97 |
| ES271M2 | 0 | | 25APR97 |
| ES1010 | 130 | 30MAR98* | 30SEP98 |
| ES3010 | 131 | 01OCT98 | 12APR99 |
| ES280M2 | 0 | | 12APR99 |
| ES3010M2 | 0 | | 12APR99 |




Project Start 01OCT96
Project Finish 01MAR02
Data Date 01OCT96
Plot Date 12MAR96

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Progress Bar
Critical Activity

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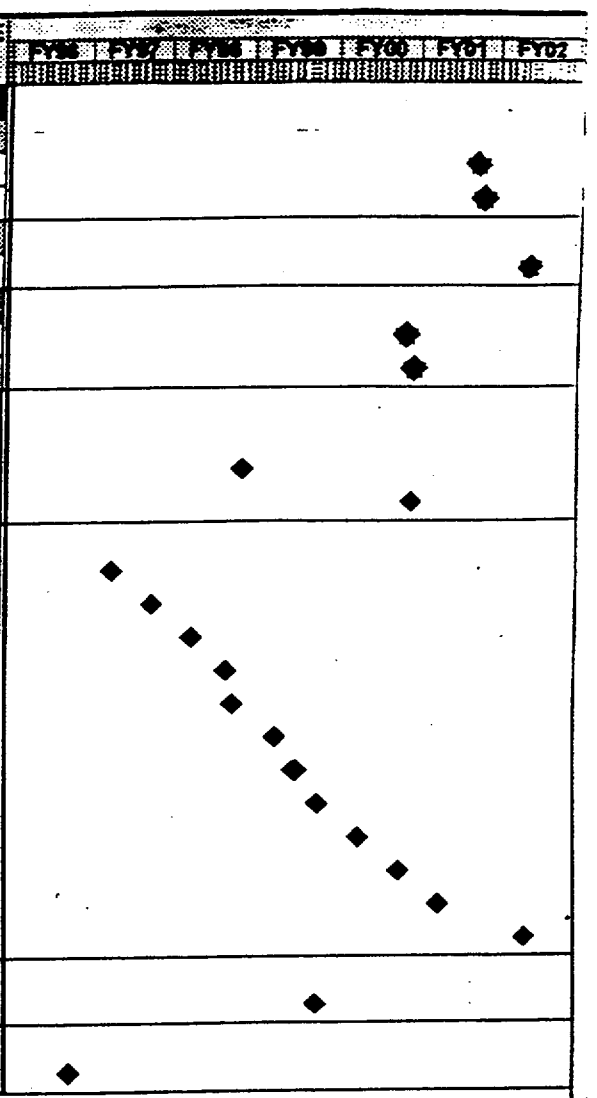
**Draft Project Plan**
**March 12 1996**

| Date | Revision | Checked | Approved |
|---|---|---|---|

| Activity ID | Activity description | Early finish | MILE |
|---|---|---|---|
| **Level 0 Milestones** | | | |
| **Site Recommendation** | | | |
| R5220M0 | Secretary Notifies State of Site Selection | 27JUN01 | 0 |
| R5200M0 | Secretary Issue SR to President | 27JUL01 | 0 |
| **License Application** | | | |
| R5182M0 | Submit License Application to NRC | 01MAR02* | 0 |
| **NEPA** | | | |
| NE1043M0 | Publish FEIS | 25AUG00 | 0 |
| R5171M0 | Publish FEIS Record of Decision | 29SEP00 | 0 |
| **Level 1 Milestones** | | | |
| **Site Recommendation** | | | |
| SR400M1 | OCRWM Accepts Viability Assessment | 04SEP98 | 1 |
| R5210M1 | Secretary Publishes Notice of Consideration | 21SEP00 | 1 |
| **License Application** | | | |
| PR15M1 | OCRWM issue Semi-Annual SC Progress Rpt 15 | 03FEB97* | 1 |
| PR16M1 | OCRWM issue Semi-Annual SC Progress Rpt 16 | 01AUG97* | 1 |
| PR17M1 | OCRWM issue Semi-Annual SC Progress Rpt 17 | 02FEB98* | 1 |
| IS190M1X | Latest NRC identification of LSS Center Site | 01JUL98* | 1 |
| PR18M1 | OCRWM issue Semi-Annual SC Progress Rpt 18 | 03AUG98* | 1 |
| PR19M1 | OCRWM issue Semi-Annual SC Progress Rpt 19 | 02FEB99* | 1 |
| R9894M1 | LSSARP Acceptance | 03MAY99 | 1 |
| PR20M1 | OCRWM issue Semi-Annual SC Progress Rpt 20 | 03AUG99* | 1 |
| PR21M1 | OCRWM issue Semi-Annual SC Progress Rpt 21 | 02FEB00* | 1 |
| PR22M1 | OCRWM issue Semi-Annual SC Progress Rpt 22 | 03AUG00* | 1 |
| PR23M1 | OCRWM issue Semi-Annual SC Progress Rpt 23 | 01FEB01* | 1 |
| R5181M1 | Complete License Application | 01MAR02 | 1 |
| **NEPA** | | | |
| R5151M1 | Publish Draft EIS | 30JUL99 | 1 |
| **ESF/TBM Operations** | | | |
| ES085M1 | Cmpl ESF Main Drift Excavation | 24JUL96 | 1 |




| | | |
|---|---|---|
| Project Start | 01OCT95 | Early Bar |
| Project Finish | 1MAR02 | Progress Bar |
| Data Date | 01OCT95 | Critical Activity |
| Plot Date | 2MAR96 | |

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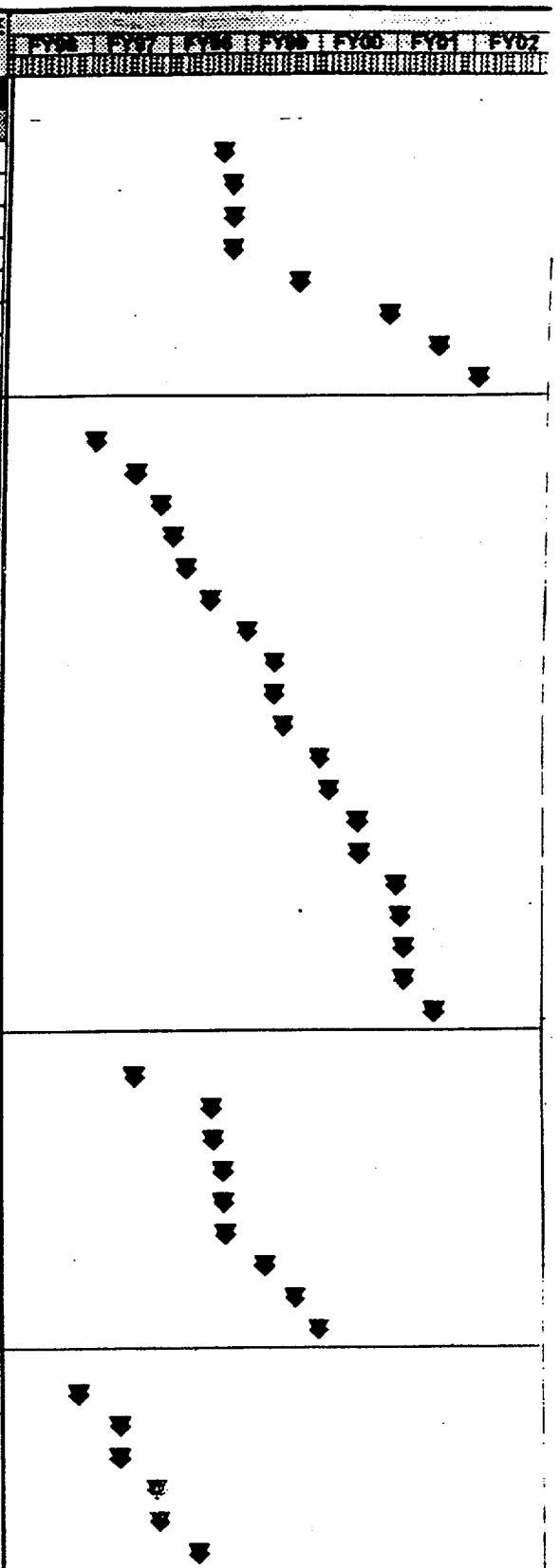
# Draft Project Plan - Milestones

March 12, 1996

| Date | Revision | Checked | Approved |
|---|---|---|---|
| | | | |

| Activity ID | Activity description | Early finish | MILE |
|---|---|---|---|
| **Level 2 Milestones** | | | |
| **Site Recommendation** | | | |
| MG010M2 | PISA Chapters 2,3,4,5,6,9,11 Design/Ops/Site | 29JUN98 | 2 |
| LA200M2 | YMSCO Cmpl. Project Integrated Safety Assessment | 21AUG98 | 2 |
| SR390M2 | Complete Technical Record for VA | 25AUG98 | 2 |
| SR400M2 | YMSCO Accepts Viability Assessment | 28AUG98 | 2 |
| SR506M2 | Complete 10CFR960 Compliance Report | 20JUL99 | 2 |
| SR445M2 | Complete Administrative Record for SR | 29SEP00 | 2 |
| SR459 | OCRWM Submits Proposed SR to Secretary | 25MAY01 | 2 |
| SR805MX | Site Designation is Effective | 29NOV01 | 2 |
| **License Application** | | | |
| PR15M2 | YMSCO provides PR 15 Camera-Ready Copy | 02DEC96* | 2 |
| PR16M2 | YMSCO provides PR 16 Camera-Ready Copy | 02JUN97* | 2 |
| SR300M2 | Complete License Application Plan | 01OCT97 | 2 |
| PR17M2 | YMSCO provides PR 17 Camera-Ready Copy | 02DEC97* | 2 |
| LA355M2 | Cmpl PISA Ch 1 Introduction | 06FEB98 | 2 |
| PR18M2 | YMSCO provides PR 18 Camera-Ready Copy | 02JUN98* | 2 |
| PR19M2 | YMSCO provides PR 19 Camera-Ready Copy | 02DEC98* | 2 |
| LA204M2 | Cmpl Publish PISA | 16APR99 | 2 |
| LA420M2 | Request Comments on Sufficiency of Site Char. | 16APR99 | 2 |
| PR20M2 | YMSCO provides PR 20 Camera-Ready Copy | 02JUN99* | 2 |
| PR21M2 | YMSCO provides PR 21 Camera-Ready Copy | 02DEC99* | 2 |
| LA420MX | Sufficiency comments from NRC | 17JAN00 | 2 |
| PR22M2 | YMSCO provides PR 22 Camera-Ready Copy | 02JUN00* | 2 |
| LA360M2 | Cmpl Prep LA | 12JUN00 | 2 |
| PR23M2 | YMSCO provides PR 23 Camera-Ready Copy | 01DEC00* | 2 |
| LA370M2 | Complete Administrative Record for LA | 19DEC00 | 2 |
| LA375M2 | Cmpl OCRWM LA Review | 10JAN01 | 2 |
| LA800M2 | Cmpl DOE LA Review | 10JAN01 | 2 |
| PR24M2 | YMSCO provides PR 24 Camera-Ready Copy | 01JUN01* | 2 |
| **Performance Assessment** | | | |
| SR500M2 | Cmpl TSPA Orientation/PR Interim Report | 20JUN97 | 2 |
| SR520M2 | Cmpl Process Model Review/PR Interim Report | 26JUN98 | 2 |
| SR522M2 | Cmpl Scenario Review/PR Report | 02JUL98 | 2 |
| PA164M2 | Cmpl Preclosure PA-VA/PISA Ch. 7 | 21AUG98 | 2 |
| PA230M2 | Cmpl TSPA-VA/PISA Ch. 8 Analyses/Documentation | 21AUG98 | 2 |
| SR250M2 | Complete TSPA-VA/PR Letter Report | 28AUG98 | 2 |
| SR254M2 | Complete TSPA Peer Review | 01MAR99 | 2 |
| PA202M2 | Cmpl Preclosure PA Sensitivity for LA | 30JUL99 | 2 |
| PA200M2 | Cmpl TSPA Sensitivity for LA | 25NOV99 | 2 |
| **System Engineering** | | | |
| SE350M2 | Complete Backfill Evaluation & Determination | 26SEP96 | 2 |
| SEGHIM2 | Complete Waste Qty, Mix, and Throughput Study | 01APR97 | 2 |
| SE306M2 | Complete Chapter 11 PISA | 04APR97 | 2 |
| SEXYZM2 | Complete Regional Transportation Data Collection | 26SEP97 | 2 |
| SEOPQM2 | Complete Criticality/Burnup Credit Study | 30SEP97 | 2 |
| SEUVWM2 | Complete Safeguards and Security Rqmnts Study | 08APR98 | 2 |




Project Start 01OCT95
Project Finish 1MAR02
Data Date 01OCT95
Plot Date 2MAR96

Early Bar
Progress Bar
Critical Activity

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Sheet 2 of 3

# Draft Project Plan - Milestones

## March 12, 1996

| Date | Revision | Checked | Approved |
|---|---|---|---|

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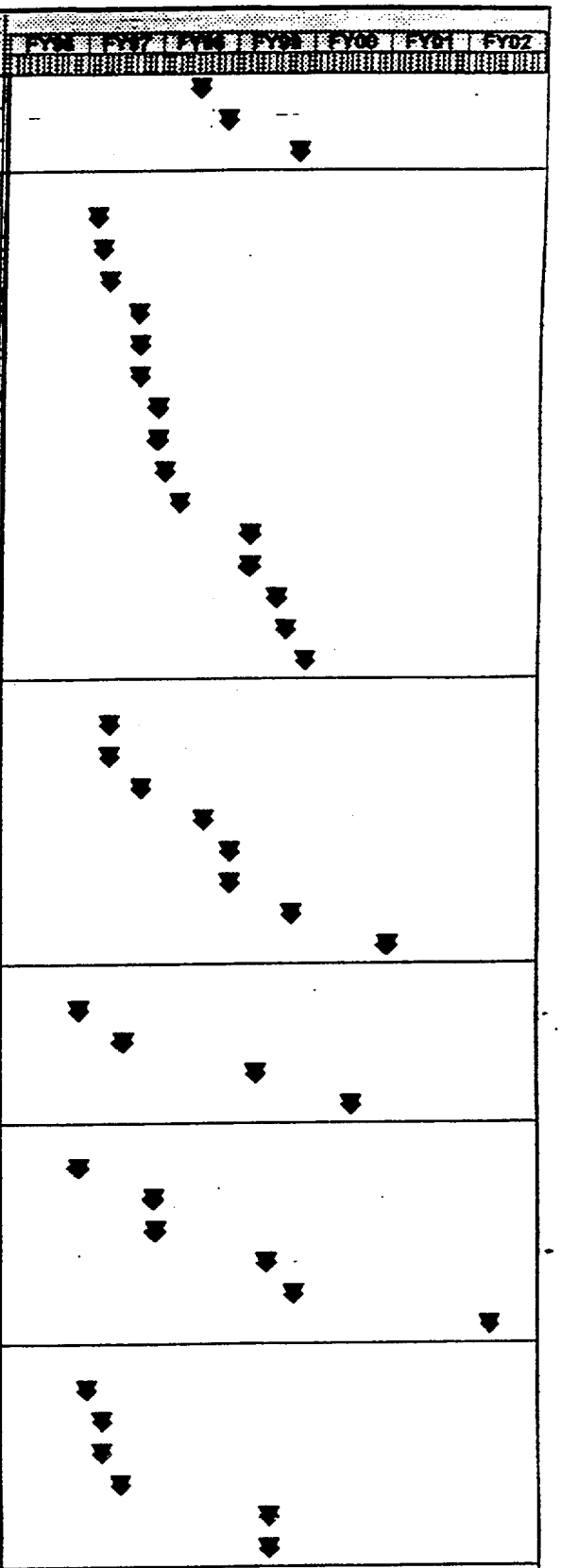
| Activity ID | Activity description | Early finish | MILE |
|---|---|---|---|
| SERSTM2 | Complete Retrievability Study - VA | 14APR98 | 2 |
| SE124M2 | Submit MGDS Cost Estimate to OCRWM | 25AUG98 | 2 |
| SEMNOM2 | Submit LA Test and Evaluation Plan to OCRWM | 26JUL99 | 2 |
| **Site Investigation** | | | |
| ST2.4M2A | Initiate GDF 1 Alcove Testing | 10DEC96 | 2 |
| ST2.3BM2 | 3D Geologic Model Acceptance | 31DEC96 | 2 |
| ST2.4M2B | Initiate GDF 2 Testing | 05FEB97 | 2 |
| ST2.6BM2 | Future Climate Scenarios Acceptance | 02JUL97 | 2 |
| ST2.4BM2 | UZ Site Flow Model Acceptance | 16JUL97 | 2 |
| ST2.4BM2A | SZ Site Flow Model Acceptance | 16JUL97 | 2 |
| ST2.5BM2 | UZ Site Transport Model Acceptance | 08OCT97 | 2 |
| ST2.5BM2A | SZ Site Transport Model Acceptance | 08OCT97 | 2 |
| ST2.7BM2A | Near Field Models Acceptance | 19NOV97 | 2 |
| ST2.3DM2 | Complete PSHA | 29JAN98 | 2 |
| ST2.4EM2A | Complete Ghost Dance Fault Testing | 05JAN99 | 2 |
| ST2.4EM2B | Complete Solitario Canyon Fault Testing | 05JAN99 | 2 |
| ST2.4EM2 | Confirm Flow Models for LA Acceptance | 17MAY99 | 2 |
| ST2.5EM2 | Confirm Transport Models for LA Acceptance | 02JUL99 | 2 |
| ST2.7EM2 | Confirm Near Field Models for LA Acceptance | 01OCT99 | 2 |
| **Testing** | | | |
| WP0035M2B | Complete WFCR Rev 1 | 26FEB97 | 2 |
| WP015M2B | Complete EMCR Rev 1 | 26FEB97 | 2 |
| ST140M2 | Initiate Drift Scale Thermal Test | 28JUL97 | 2 |
| ST205M2 | Single Heater Test Final Report Acceptance | 08JUN98 | 2 |
| WP0020M2B | Complete EMCR Rev 2 | 07OCT98 | 2 |
| WP110M2B | Complete WFCR Rev 2 | 07OCT98 | 2 |
| ST215M2 | Complete Drift Scale Test Heat Up | 26JUL99 | 2 |
| ST225M2 | Drift Scale Heater Test Summary Report | 30OCT00 | 2 |
| **NEPA** | | | |
| NE1240M2 | EIS Contract Awarded | 01OCT96* | 2 |
| NE1038M2 | Issue EIS Scoping Comment Response Document | 06MAY97 | 2 |
| NE5001M2 | Issue Preliminary DEIS | 16FEB99 | 2 |
| NE1039M2 | Issue Preliminary Final EIS | 11MAY00 | 2 |
| **MGDS** | | | |
| WP080M2 | Complete Disposal Criticality Technical Report | 30SEP96 | 2 |
| MG120M2 | Complete MGDS Design - Phase I | 29SEP97 | 2 |
| WP150M2 | Update Disposal Criticality Topical Report | 08OCT97 | 2 |
| RP2215M2 | Prepare Thermal Mgmt Technical Report | 31MAR99 | 2 |
| MG170AM2 | Complete MGDS Design - Phase II | 06AUG99 | 2 |
| MG070M2 | Complete MGDS Design Phase III | 01MAR02 | 2 |
| **ESF/TBM Operations** | | | |
| ES270M2 | Complete GDF Drift #1 Construction | 08NOV96 | 2 |
| ES093M2 | Complete TBM Operations to Daylight | 23JAN97 | 2 |
| ES100M2 | Cmpl Excavation of Thermal Test Alcove | 24JAN97 | 2 |
| ES271M2 | Complete GDF Drift #2 Construction | 25APR97 | 2 |
| ES280M2 | Complete ESF Construction | 12APR99 | 2 |
| ES3010M2 | Complete East-West Drift | 12APR99 | 2 |




Project Start 01OCT95
Project Finish 1MAR02
Data Date 01OCT95
Plot Date 2MAR96

Early Bar
Progress Bar
Critical Activity

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# Draft Project Plan - Milestones

## March 12, 1996

| Date | Revision | Checked | Approved |
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# APPENDIX B
# HIERARCHY OF MILESTONES

On the Office of Civilian Radioactive Waste Management (OCRWM) program, milestones have different levels of U.S. Department of Energy (DOE) and participant control associated with them. The Planning and Control System Description describes the philosophy guiding the development of milestones on the program and project:

> Establishing milestones at different levels of control creates an integrated milestone hierarchy in which lower-level milestones must be established to help measure schedule performance and to support upper-level milestones. The measurement of progress toward completing a high-level milestone is important and can be done with reasonably spaced lower-level milestones that depict interim schedule assessments. The milestone hierarchy is comprised of four levels: Level 0, 1, 2, and 3 milestones.
>
> > **Level 0 milestones** are those established by Energy System Acquisition Advisory Board/DOE and documented in the Program Cost and Schedule Baseline. Control for these milestones exists with DOE and changes must be approved by the Energy System Acquisition Advisory Board Change Control Board.
> >
> > **Level 1 milestones** are baselined in the Program Cost and Schedule Baseline and are maintained by OCRWM.
> >
> > **Level 2 milestones** are major events that materially contribute to the completion of a phase of the Yucca Mountain Project or identify the start or completion of critical activities and events on the project. Level 2 milestones are documented in the Yucca Mountain Project Cost and Schedule Baseline.
> >
> > **Level 3 milestones** are deliverables, defined and approved by the Yucca Mountain Site Characterization Office Assistant Managers or their designees, for which project participants will be held accountable[1].

The Yucca Mountain Site Characterization Office Cost and Schedule Baseline (YMP/CM-00015, Rev 5) was revised in 1995 to reflect the provisions of the Program Plan (DOE/RW-0458), as modified by creation of the FY 1995 Project Summary Schedule and its cost loading. Subsequent to the update, the direction for the project as described in this document changed significantly. Therefore, the Level 2 and above milestones included in this hierarchy, and reflected in the critical path to Investment Analysis schedule discussed in Appendix A, are proposed and subject to further evaluation and approval. This appendix lists the proposed Level 1 and 2 milestones and illustrates through the hierarchy of Level 3 milestones, the project integration in support of Investment Analysis.

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[1] *Planning and Control System Description*. 1993. YMP/93-05, Revision 1. Las Vegas, Nevada: Office of Civilian Radioactive Waste Management.

DOE

PRIMAVERA PROJECT PLANNER

Revised Program Plan FY96

REPORT DATE 12MAR96 RUN NO. 2565
16:20

START DATE 1OCT95 FIN DATE 1MAR02

DATA DATE 1OCT95 PAGE NO. 1

Schedule Report - Detailed Precedence Analysis

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ES080 | | 72 | 72 | 0 | | | TBM Ops to GDF 2 Access (sta 39+40 - 49+90) | 22JAN96* | 30APR96 | 1331 |
| ..ES085 | * | 61 | 61 | 0 | SU | | TBM Ops to South Ramp Turn (sta 49+90 - 59+01) | 1MAY96 | 24JUL96 | 1331 |
| ..ES271 | | 145 | 145 | 0 | SU | | Excavate GDF Drift #2 | 7OCT96* | 25APR97 | 1265 |
| ..ES080 | * | 72 | 72 | 0 | PR | | TBM Ops to GDF 2 Access (sta 39+40 - 49+90) | 22JAN96* | 30APR96 | 1331 |
| ES085 | | 61 | 61 | 0 | | | TBM Ops to South Ramp Turn (sta 49+90 - 59+01) | 1MAY96 | 24JUL96 | 1331 |
| ..ES085M1 | * | 0 | 0 | 0 | SU | | Cmpl ESF Main Drift Excavation | | 24JUL96 | 1462 |
| ..ES093 | * | 131 | 131 | 0 | SU | | TBM Ops - South Ramp (sta 59+01 - 78+58) | 25JUL96 | 23JAN97 | 1331 |
| ..ES085 | * | 61 | 61 | 0 | PR | | TBM Ops to South Ramp Turn (sta 49+90 - 59+01) | 1MAY96 | 24JUL96 | 1331 |
| ES085M1 | | 0 | 0 | 0 | | | Cmpl ESF Main Drift Excavation | | 24JUL96 | 1462 |
| ..ES100 | * | 255 | 255 | 0 | PR SS | 0 | Excavate Thermal Test Alcove | 5FEB96* | 24JAN97 | 43 |
| ES088 | | 1585* | 1585* | 0 | | | Prepare for Long Term ESF Operations | 5FEB96 | 1MAR02 | 0 |
| ..ES111 | * | 1524 | 1524 | 0 | SU SS | 0 | ESF Operations Phase | 5FEB96 | 1MAR02 | 0 |
| ..ES085 | * | 61 | 61 | 0 | PR | | TBM Ops to South Ramp Turn (sta 49+90 - 59+01) | 1MAY96 | 24JUL96 | 1331 |
| ES093 | | 131 | 131 | 0 | | | TBM Ops - South Ramp (sta 59+01 - 78+58) | 25JUL96 | 23JAN97 | 1331 |
| ..ES093M2 | * | 0 | 0 | 0 | SU FF | 0 | Complete TBM Operations to Daylight | | 23JAN97 | 1331 |
| ..ES280M2 | | 0 | 0 | 0 | SU | | Complete ESF Construction | | 12APR99 | 754 |
| ..ES093 | * | 131 | 131 | 0 | PR FF | 0 | TBM Ops - South Ramp (sta 59+01 - 78+58) | 25JUL96 | 23JAN97 | 1331 |
| ES093M2 | | 0 | 0 | 0 | | | Complete TBM Operations to Daylight | | 23JAN97 | 1331 |
| ES100 | | 255 | 255 | 0 | | | Excavate Thermal Test Alcove | 5FEB96* | 24JAN97 | 43 |
| ..ES088 | * | 1585 | 1585 | 0 | SU SS | 0 | Prepare for Long Term ESF Operations | 5FEB96 | 1MAR02 | 0 |
| ..ES100M2 | * | 0 | 0 | 0 | SU | | Cmpl Excavation of Thermal Test Alcove | | 24JAN97 | 1330 |
| ..ES270 | * | 130 | 130 | 0 | SU SS | 70 | Excavate GDF Drift #1 | 13MAY96 | 8NOV96 | 1363 |
| ..ST135 | * | 76 | 76 | 0 | SU SS | 71 | Single Heater Test: Installation | 14MAY96 | 27AUG96 | 86 |
| ..ST140 | * | 131 | 131 | 0 | SU | | Drift Scale Heater Test: Installation | 27JAN97 | 28JUL97 | 43 |
| ..ST140M2 | * | 0 | 0 | 0 | SU FS | 131 | Initiate Drift Scale Thermal Test | | 28JUL97 | 43 |
| ..ES100 | * | 255 | 255 | 0 | PR | | Excavate Thermal Test Alcove | 5FEB96* | 24JAN97 | 43 |
| ES100M2 | | 0 | 0 | 0 | | | Cmpl Excavation of Thermal Test Alcove | | 24JAN97 | 1330 |
| ES1010 | | 130 | 130 | 0 | | | Design East-West Drift | 30MAR98* | 30SEP98 | 365 |
| ..ES3010 | * | 131 | 131 | 0 | SU | | Excavate East-West Drift | 1OCT98 | 12APR99 | 365 |
| ..ES088 | * | 1585 | 1585 | 0 | PR SS | 0 | Prepare for Long Term ESF Operations | 5FEB96 | 1MAR02 | 0 |
| ES111 | | 1524* | 1524* | 0 | | | ESF Operations Phase | 5FEB96 | 1MAR02 | 0 |
| ..IN01Z | * | 0 | 0 | 0 | SU FF | 0 | Infrastructure Finish | | 1MAR02 | 0 |
| ..ES100 | * | 255 | 255 | 0 | PR SS | 70 | Excavate Thermal Test Alcove | 5FEB96* | 24JAN97 | 43 |
| ES270 | | 130 | 130 | 0 | | | Excavate GDF Drift #1 | 13MAY96 | 8NOV96 | 1363 |
| ..ES270M2 | * | 0 | 0 | 0 | SU | | Complete GDF Drift #1 Construction | | 8NOV96 | 1385 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..ST2.4M2A | * | 0 | 0 | 0 | SU FS | 22 | Initiate GDF 1 Alcove Testing | | 10DEC96 | 1363 |
| ..ES270 | * | 130 | 130 | 0 | PR | | Excavate GDF Drift #1 | 13MAY96 | 8NOV96 | 1363 |
| ES270M2 | | 0 | 0 | 0 | | | Complete GDF Drift #1 Construction | | 8NOV96 | 1385 |
| ..ES080 | | 72 | 72 | 0 | PR | | TBM Ops to GDF 2 Access (sta 39+40 - 49+90) | 22JAN96* | 30APR96 | 1331 |
| ES271 | | 145 | 145 | 0 | | | Excavate GDF Drift #2 | 7OCT96* | 25APR97 | 1265 |
| ..ES271M2 | * | 0 | 0 | 0 | SU | | Complete GDF Drift #2 Construction | | 25APR97 | 1265 |
| ..ST2.4M2B | * | 0 | 0 | 0 | SU SF | 88 | Initiate GDF 2 Testing | | 5FEB97 | 1322 |
| ..ES271 | * | 145 | 145 | 0 | PR | | Excavate GDF Drift #2 | 7OCT96* | 25APR97 | 1265 |
| ES271M2 | | 0 | 0 | 0 | | | Complete GDF Drift #2 Construction | | 25APR97 | 1265 |
| ..ES093 | | 131 | 131 | 0 | PR | | TBM Ops - South Ramp (sta 59+01 - 78+58) | 25JUL96 | 23JAN97 | 1331 |
| ..ES3010 | * | 131 | 131 | 0 | PR | | Excavate East-West Drift | 1OCT98 | 12APR99 | 365 |
| ES280M2 | | 0 | 0 | 0 | | | Complete ESF Construction | | 12APR99 | 754 |
| ..IN06C | * | 0 | 0 | 0 | SU | | Complete Surface Construction | | 12APR99 | 754 |
| ..ES1010 | * | 130 | 130 | 0 | PR | | Design East-West Drift | 30MAR98* | 30SEP98 | 365 |
| ES3010 | | 131 | 131 | 0 | | | Excavate East-West Drift | 1OCT98 | 12APR99 | 365 |
| ..ES280M2 | * | 0 | 0 | 0 | SU | | Complete ESF Construction | | 12APR99 | 754 |
| ..ES3010M2 | * | 0 | 0 | 0 | SU | | Complete East-West Drift | | 12APR99 | 724 |
| ..SR455 | | 307 | 307 | 0 | SU FF | 0 | Prepare Supporting Documentation for SR | 21JUL99 | 21SEP00 | 0 |
| ..ES3010 | * | 131 | 131 | 0 | PR | | Excavate East-West Drift | 1OCT98 | 12APR99 | 365 |
| ES3010M2 | | 0 | 0 | 0 | | | Complete East-West Drift | | 12APR99 | 724 |
| IS140 | | 1675* | 1675* | 0 | | | Records Processing for LSS | 2OCT95 | 1MAR02 | 0 |
| ..IN01Z | * | 0 | 0 | 0 | SU FF | 0 | Infrastructure Finish | | 1MAR02 | 0 |
| ..R9894M1 | * | 0 | 0 | 0 | PR | | LSSARP Acceptance | | 3MAY99 | 494 |
| IS141 | | 245 | 245 | 0 | | | LSS Operations | 4MAY99 | 10APR00 | 494 |
| ..IN01Z | | 0 | 0 | 0 | SU FF | 0 | Infrastructure Finish | | 1MAR02 | 0 |
| ..IS182 | * | 154 | 154 | 0 | PR | | LSS Acquisition Package | 1APR96* | 31OCT96 | 494 |
| IS180 | | 66 | 66 | 0 | | | Perform LSS Make/Buy Analysis | 1NOV96 | 31JAN97 | 494 |
| ..IS200 | * | 455 | 455 | 0 | SU | | Complete LSS Acquisition | 3FEB97 | 30OCT98 | 494 |
| IS182 | | 154 | 154 | 0 | | | LSS Acquisition Package | 1APR96* | 31OCT96 | 494 |
| ..IS180 | * | 66 | 66 | 0 | SU | | Perform LSS Make/Buy Analysis | 1NOV96 | 31JAN97 | 494 |
| IS190M1X | | 0 | 0 | 0 | | | Latest NRC Identification of LSS Center Site | | 1JUL98* | 581 |
| ..IS195 | | 131 | 131 | 0 | SU | | LSS Installation and Test (M90) | 2NOV98 | 3MAY99 | 494 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..IS190M1X | | 0 | 0 | 0 | PR | | Latest NRC Identification of LSS Center Site | | 1JUL98* | 581 |
| ..IS200 | * | 455 | 455 | 0 | PR | | Complete LSS Acquisition | 3FEB97 | 30OCT98 | 494 |
| IS195 | | 131 | 131 | 0 | | | LSS Installation and Test (M90) | 2NOV98 | 3MAY99 | 494 |
| ..IS201 | * | 261 | 261 | 0 | SU SS | 0 | NRC Certifies LSS | 2NOV98 | 1NOV99 | 609 |
| ..R9894M1 | * | 0 | 0 | 0 | SU | | LSSARP Acceptance | | 3MAY99 | 494 |
| ..IS180 | * | 66 | 66 | 0 | PR | | Perform LSS Make/Buy Analysis | 1NOV96 | 31JAN97 | 494 |
| IS200 | | 455 | 455 | 0 | | | Complete LSS Acquisition | 3FEB97 | 30OCT98 | 494 |
| ..IS195 | * | 131 | 131 | 0 | SU | | LSS Installation and Test (M90) | 2NOV98 | 3MAY99 | 494 |
| ..IS195 | * | 131 | 131 | 0 | PR SS | 0 | LSS Installation and Test (M90) | 2NOV98 | 3MAY99 | 494 |
| ..R9894M1 | | 0 | 0 | 0 | PR FF | 0 | LSSARP Acceptance | | 3MAY99 | 494 |
| IS201 | | 261 | 261 | 0 | | | NRC Certifies LSS | 2NOV98 | 1NOV99 | 609 |
| ..R5182M0 | | 0 | 0 | 0 | SU | | Submit License Application to NRC | | 1MAR02* | 0 |
| LA190 | | 89 | 89 | 0 | | | Prepare PISA Management Plan | 1APR96* | 1AUG96 | 152 |
| ..LA200 | | 211 | 211 | 0 | SU | | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..SR300 | | 260 | 260 | 0 | SU | | License Application Plan | 3OCT96* | 1OCT97 | 108 |
| ..SR390 | | 130 | 130 | 0 | SU | | Prepare Technical Record for VA | 23FEB98* | 25AUG98 | 4 |
| ..LA190 | | 89 | 89 | 0 | PR | | Prepare PISA Management Plan | 1APR96* | 1AUG96 | 152 |
| ..MG010 | | 195 | 195 | 0 | PR FF | 0 | Write Design/Operations PISA CH. 3,4,5,6,9,11 | 30SEP97 | 29JUN98 | 126 |
| ..PA164 | * | 265 | 265 | 0 | PR FF | 0 | Preclosure PA-VA/PISA Ch. 7 | 18AUG97 | 21AUG98 | 6 |
| ..PA230 | * | 265 | 265 | 0 | PR FF | 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SE085 | | 391 | 391 | 0 | PR | | MGDS Design SRA - Phase 1 | 4MAR96 | 1SEP97 | 28 |
| ..SE306 | | 134 | 134 | 0 | PR | | Write PISA Ch 11 - Conduct of Operations | 1OCT96 | 4APR97 | 71 |
| ..SE320 | | 569 | 569 | 0 | PR FF | 100 | Classification Analysis/Q-List Update | 2OCT95 | 4DEC97 | 173 |
| ..SR300 | | 260 | 260 | 0 | PR | | License Application Plan | 3OCT96* | 1OCT97 | 108 |
| ..ST2.3D | | 260 | 260 | 0 | PR FF | 0 | Synthesize Data/Write Chapter 2.3, Geologic Sys | 1OCT96 | 29SEP97 | 169 |
| ..ST2.4D | | 260 | 260 | 0 | PR FF | 0 | Synthesize Data/Write Ch 2.4, Hydrologic Sys | 17MAR97 | 13MAR98 | 121 |
| ..ST2.5D | | 260 | 260 | 0 | PR FF | 0 | Synthesize Data/Write Ch 2.5, Geochem Sys | 9JUN97 | 5JUN98 | 61 |
| ..ST2.6D | | 260 | 260 | 0 | PR FF | 0 | Synthesize Data/Write Ch 2.6, Climatic Sys | 4MAR97 | 2MAR98 | 130 |
| ..ST2.7D | | 260 | 260 | 0 | PR FF | 0 | Synthesize Data/Write Ch 2.7, Near Field Env | 10JUN97 | 8JUN98 | 60 |
| LA200 | | 211 | 211 | 0 | | | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..LA200M2 | * | 0 | 0 | 0 | SU | | YMSCO Cmpl. Project Integrated Safety Assessment | | 21AUG98 | 87 |
| ..LA355 | * | 66 | 66 | 0 | SU SS | 0 | Write PISA Ch. 1, Introduction | 31OCT97 | 6FEB98 | 670 |
| ..LA360 | | 284 | 284 | 0 | SU | | Prepare Draft License Application | 12MAY99 | 12JUN00 | 43 |
| ..SR205 | | 88 | 88 | 0 | SU SS | 0 | Prepare Draft 10CFR960 Compliance Report | 17DEC98 | 19APR99 | 0 |
| ..LA200 | * | 211 | 211 | 0 | PR | | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..SE306M2 | | 0 | 0 | 0 | PR | | Complete Chapter 11 PISA | | 4APR97 | 447 |
| LA200M2 | | 0 | 0 | 0 | | | YMSCO Cmpl. Project Integrated Safety Assessment | | 21AUG98 | 87 |
| ..LA202 | * | 86 | 86 | 0 | SU | | OCRWM review of PISA | 24AUG98 | 21DEC98 | 554 |
| ..NE5024 | | 44 | 44 | 0 | SU | | PISA/PDEIS Variance Analysis | 2SEP98 | 2NOV98 | 80 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ..LA200M2 | * | 0 | 0 | 0 | PR | | | YMSCO Cmpl. Project Integrated Safety Assessment | | 21AUG98 | 87 |
| ..LA355 | | 66 | 66 | 0 | PR | | | Write PISA Ch. 1, Introduction | 31OCT97 | 6FEB98 | 670 |
| LA202 | | 86 | 86 | 0 | | | | OCRWM review of PISA | 24AUG98 | 21DEC98 | 554 |
| ..LA204 | * | 84 | 84 | 0 | SU | | | Complete and Publish PISA | 22DEC98 | 16APR99 | 554 |
| ..LA202 | * | 86 | 86 | 0 | PR | | | OCRWM review of PISA | 24AUG98 | 21DEC98 | 554 |
| LA204 | | 84 | 84 | 0 | | | | Complete and Publish PISA | 22DEC98 | 16APR99 | 554 |
| ..LA204M2 | * | 0 | 0 | 0 | SU | | | Cmpl Publish PISA | | 16APR99 | 750 |
| ..LA420M2 | * | 0 | 0 | 0 | SU | | | Request Comments on Sufficiency of Site Char. | | 16APR99 | 554 |
| ..LA204 | * | 84 | 84 | 0 | PR | | | Complete and Publish PISA | 22DEC98 | 16APR99 | 554 |
| LA204M2 | | 0 | 0 | 0 | | | | Cmpl Publish PISA | | 16APR99 | 750 |
| ..NE1045 | * | 130 | 130 | 0 | PR | | | Write PISA Ch. 10, Radiation Protection | 30SEP97 | 8APR98 | 913 |
| LA350 | | 67 | 67 | 0 | | | | Emergency Plan Preparation | 9APR98 | 10JUL98 | 950 |
| ..LA200 | * | 211 | 211 | 0 | PR | SS | 0 | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| LA355 | | 66 | 66 | 0 | | | | Write PISA Ch. 1, Introduction | 31OCT97 | 6FEB98 | 670 |
| ..LA202 | | 86 | 86 | 0 | SU | | | OCRWM review of PISA | 24AUG98 | 21DEC98 | 554 |
| ..LA355M2 | * | 0 | 0 | 0 | SU | | | Cmpl PISA Ch 1 Introduction | | 6FEB98 | 1060 |
| ..LA355 | * | 66 | 66 | 0 | PR | | | Write PISA Ch. 1, Introduction | 31OCT97 | 6FEB98 | 670 |
| LA355M2 | | 0 | 0 | 0 | | | | Cmpl PISA Ch 1 Introduction | | 6FEB98 | 1060 |
| ..LA200 | | 211 | 211 | 0 | PR | | | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..MG060 | | 66 | 66 | 0 | PR | FF | 93 | MGDS Design Phase II Review | 30APR99 | 30JUL99 | 127 |
| ..PA200 | * | 260 | 260 | 0 | PR | FF | 142 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..PA202 | | 260 | 260 | 0 | PR | FF | 142 | Preclosure PA Sensitivity for LA | 3AUG98 | 30JUL99 | 127 |
| ..SEMNO | | 90 | 90 | 0 | PR | FF | 0 | Prepare LA Test and Evaluation Plan | 23MAR99 | 26JUL99 | 273 |
| ..SERST | | 131 | 131 | 0 | PR | | | Perform Retrievability Study - VA | 14OCT97 | 14APR98 | 82 |
| ..SEUVW | | 127 | 127 | 0 | PR | | | Perform Safeguards and Security Rqmnts Study | 14OCT97 | 8APR98 | 86 |
| ..SR254M2 | | 0 | 0 | 0 | PR | FF | 0 | Complete TSPA Peer Review | | 1MAR99 | 378 |
| ..ST215 | | 520 | 520 | 0 | PR | FF | 131 | Drift Scale Heater Test: Heat-Up | 29JUL97 | 26JUL99 | 43 |
| ..WP0020 | | 194 | 194 | 0 | PR | | | Prepare EMCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| ..WP110 | | 194 | 194 | 0 | PR | | | Prepare WFCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| LA360 | | 284 | 284 | 0 | | | | Prepare Draft License Application | 12MAY99 | 12JUN00 | 43 |
| ..LA360M2 | * | 0 | 0 | 0 | SU | | | Cmpl Prep LA | | 12JUN00 | 449 |
| ..LA375 | * | 152 | 152 | 0 | SU | | | OCRWM Draft License Application Review | 13JUN00 | 10JAN01 | 43 |
| ..LA360 | * | 284 | 284 | 0 | PR | | | Prepare Draft License Application | 12MAY99 | 12JUN00 | 43 |
| LA360M2 | | 0 | 0 | 0 | | | | Cmpl Prep LA | | 12JUN00 | 449 |
| ..LA375 | * | 152 | 152 | 0 | PR | SS | 0 | OCRWM Draft License Application Review | 13JUN00 | 10JAN01 | 43 |
| LA370 | | 130 | 130 | 0 | | | | Prepare Adminstrative record for LA | 13JUN00 | 19DEC00 | 300 |
| ..LA370M2 | * | 0 | 0 | 0 | SU | | | Complete Administrative Record for LA | | 19DEC00 | 300 |

Schedule Report - Detailed Precedence Analysis

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..LA370 | * | 130 | 130 | 0 | PR | | Prepare Adminstrative record for LA | 13JUN00 | 19DEC00 | 300 |
| LA370M2 | | 0 | 0 | 0 | | | Complete Administrative Record for LA | | 19DEC00 | 300 |
| ..LA360 | * | 284 | 284 | 0 | PR | | Prepare Draft License Application | 12MAY99 | 12JUN00 | 43 |
| LA375 | | 152 | 152 | 0 | | | OCRWM Draft License Application Review | 13JUN00 | 10JAN01 | 43 |
| ..LA370 | * | 130 | 130 | 0 | SU SS | 0 | Prepare Adminstrative record for LA | 13JUN00 | 19DEC00 | 300 |
| ..LA375M2 | * | 0 | 0 | 0 | SU | | Cmpl OCRWM LA Review | | 10JAN01 | 297 |
| ..LA376 | * | 254 | 254 | 0 | SU | | Complete License Application | 11JAN01 | 1JAN02 | 43 |
| ..LA800 | * | 89 | 89 | 0 | SU FF | 0 | DOE Draft License Application Review | 8SEP00 | 10JAN01 | 43 |
| ..LA375 | * | 152 | 152 | 0 | PR | | OCRWM Draft License Application Review | 13JUN00 | 10JAN01 | 43 |
| LA375M2 | | 0 | 0 | 0 | | | Cmpl OCRWM LA Review | | 10JAN01 | 297 |
| ..LA375 | * | 152 | 152 | 0 | PR | | OCRWM Draft License Application Review | 13JUN00 | 10JAN01 | 43 |
| ..LA800 | * | 89 | 89 | 0 | PR | | DOE Draft License Application Review | 8SEP00 | 10JAN01 | 43 |
| LA376 | | 254 | 254 | 0 | | | Complete License Application | 11JAN01 | 1JAN02 | 43 |
| ..LA204 | * | 84 | 84 | 0 | PR | | Complete and Publish PISA | 22DEC98 | 16APR99 | 554 |
| LA420M2 | | 0 | 0 | 0 | | | Request Comments on Sufficiency of Site Char. | | 16APR99 | 554 |
| ..LA420MX | * | 0 | 0 | 0 | SU FS | 196 | Sufficiency comments from NRC | | 17JAN00 | 554 |
| ..R5181M1 | | 0 | 0 | 0 | SU | | Complete License Application | | 1MAR02 | 0 |
| ..LA420M2 | * | 0 | 0 | 0 | PR FS | 196 | Request Comments on Sufficiency of Site Char. | | 16APR99 | 554 |
| LA420MX | | 0 | 0 | 0 | | | Sufficiency comments from NRC | | 17JAN00 | 554 |
| ..SR445M2 | | 0 | 0 | 0 | SU | | Complete Administrative Record for SR | | 29SEP00 | 353 |
| ..LA375 | * | 152 | 152 | 0 | PR FF | 0 | OCRWM Draft License Application Review | 13JUN00 | 10JAN01 | 43 |
| LA800 | | 89 | 89 | 0 | | | DOE Draft License Application Review | 8SEP00 | 10JAN01 | 43 |
| ..IN012 | | 0 | 0 | 0 | SU FF | 0 | Infrastructure Finish | | 1MAR02 | 0 |
| ..LA376 | * | 254 | 254 | 0 | SU | | Complete License Application | 11JAN01 | 1JAN02 | 43 |
| ..LA800M2 | * | 0 | 0 | 0 | SU | | Cmpl DOE LA Review | | 10JAN01 | 297 |
| ..R5181M1 | | 0 | 0 | 0 | SU | | Complete License Application | | 1MAR02 | 0 |
| ..LA800 | * | 89 | 89 | 0 | PR | | DOE Draft License Application Review | 8SEP00 | 10JAN01 | 43 |
| LA800M2 | | 0 | 0 | 0 | | | Cmpl DOE LA Review | | 10JAN01 | 297 |
| ..RP020 | * | 521 | 521 | 0 | PR | | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..RP120 | * | 521 | 521 | 0 | PR | | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..WP050A | * | 521 | 521 | 0 | PR | | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| MG010 | | 195 | 195 | 0 | | | Write Design/Operations PISA CH. 3,4,5,6,9,11 | 30SEP97 | 29JUN98 | 126 |
| ..LA200 | | 211 | 211 | 0 | SU FF | 0 | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..MG010M2 | * | 0 | 0 | 0 | SU | | PISA Chapters 2,3,4,5,6,9,11 Design/Ops/Site | | 29JUN98 | 920 |
| ..MG010 | * | 195 | 195 | 0 | PR | | Write Design/Operations PISA CH. 3,4,5,6,9,11 | 30SEP97 | 29JUN98 | 126 |
| ..ST2.3D | | 260 | 260 | 0 | PR | | Synthesize Data/Write Chapter 2.3, Geologic Sys | 1OCT96 | 29SEP97 | 169 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..ST2.4D | | 260 | 260 | 0 | PR | | Synthesize Data/Write Ch 2.4, Hydrologic Sys | 17MAR97 | 13MAR98 | 121 |
| ..ST2.5D | | 260 | 260 | 0 | PR | | Synthesize Data/Write Ch 2.5, Geochem Sys | 9JUN97 | 5JUN98 | 61 |
| ..ST2.6D | | 260 | 260 | 0 | PR | | Synthesize Data/Write Ch 2.6, Climatic Sys | 4MAR97 | 2MAR98 | 130 |
| ..ST2.7D | | 260 | 260 | 0 | PR | | Synthesize Data/Write Ch 2.7, Near Field Env | 10JUN97 | 8JUN98 | 60 |
| MG010M2 | | 0 | 0 | 0 | | | PISA Chapters 2,3,4,5,6,9,11 Design/Ops/Site | | 29JUN98 | 920 |
| ..RP020 | * | 521 | 521 | 0 | PR SS | 460 | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..RP120 | * | 521 | 521 | 0 | PR SS | 460 | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..SE050 | | 261 | 261 | 0 | PR | | Performance Confirmation Concepts | 2OCT95 | 30SEP96 | 71 |
| ..SE085 | | 391 | 391 | 0 | PR SS | 327 | MGDS Design SRA - Phase 1 | 4MAR96 | 1SEP97 | 28 |
| ..SE300 | | 333 | 333 | 0 | PR | | Thermal Management Study | 2OCT95 | 8JAN97 | 57 |
| ..SE306 | | 134 | 134 | 0 | PR | | Write PISA Ch 11 - Conduct of Operations | 1OCT96 | 4APR97 | 71 |
| ..SE310 | | 311 | 311 | 0 | PR | | DBA/DBE Definition & Analyses | 2OCT95 | 9DEC96 | 79 |
| ..SE350 | | 259 | 259 | 0 | PR | | Backfill Evaluation & Determination | 2OCT95 | 26SEP96 | 131 |
| ..WP050A | * | 521 | 521 | 0 | PR FF | 0 | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| MG050 | | 61 | 61 | 0 | | | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..PA164 | * | 265 | 265 | 0 | SU SS | 30 | Preclosure PA-VA/PISA Ch. 7 | 18AUG97 | 21AUG98 | 6 |
| ..PA230 | | 265 | 265 | 0 | SU FF | 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..RP070A | | 475 | 475 | 0 | SU | | Surface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..RP170A | | 475 | 475 | 0 | SU | | Subsurface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..SE124 | | 132 | 132 | 0 | SU | | Prepare MGDS Cost Estimate | 23FEB98 | 25AUG98 | 4 |
| ..SE125A | * | 475 | 475 | 0 | SU | | MGDS Design SRA - Ph II | 30SEP97 | 26JUL99 | 8 |
| ..SE320 | | 569 | 569 | 0 | SU FF | 0 | Classification Analysis/Q-List Update | 2OCT95 | 4DEC97 | 173 |
| ..SR205 | | 88 | 88 | 0 | SU | | Prepare Draft 10CFR960 Compliance Report | 17DEC98 | 19APR99 | 0 |
| ..RP070A | * | 475 | 475 | 0 | PR FF | 0 | Surface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..RP170A | * | 475 | 475 | 0 | PR FF | 0 | Subsurface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..SE124 | | 132 | 132 | 0 | PR | | Prepare MGDS Cost Estimate | 23FEB98 | 25AUG98 | 4 |
| ..SE125A | | 475 | 475 | 0 | PR FF | 0 | MGDS Design SRA - Ph II | 30SEP97 | 26JUL99 | 8 |
| ..WP050 | * | 475 | 475 | 0 | PR FF | 0 | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| MG060 | | 66 | 66 | 0 | | | MGDS Design Phase II Review | 30APR99 | 30JUL99 | 127 |
| ..LA360 | | 284 | 284 | 0 | SU FF | 93 | Prepare Draft License Application | 12MAY99 | 12JUN00 | 43 |
| ..MG170AM2 | * | 0 | 0 | 0 | SU FS | 5 | Complete MGDS Design - Phase II | | 6AUG99 | 670 |
| ..PA200 | | 260 | 260 | 0 | SU FF | 0 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..PA202 | * | 260 | 260 | 0 | SU FF | 0 | Preclosure PA Sensitivity for LA | 3AUG98 | 30JUL99 | 127 |
| ..IN01Z | * | 0 | 0 | 0 | PR FF | 0 | Infrastructure Finish | | 1MAR02 | 0 |
| ..RP080 | * | 642 | 642 | 0 | PR FF | 0 | Surface Design Phase III | 9AUG99 | 1MAR02 | 0 |
| ..SE126 | | 459 | 459 | 0 | PR FF | 0 | MGDS Design SRA - 3 | 27JUL99 | 27APR01 | 220 |
| ..SE322 | | 886 | 886 | 0 | PR FF | 0 | Classification Analysis/Q-List Update - 2 | 5DEC97 | 27APR01 | 220 |
| ..WP275 | * | 642 | 642 | 0 | PR FF | 0 | EBS Design Phase III | 9AUG99 | 1MAR02 | 0 |
| MG070 | | 66 | 66 | 0 | | | MGDS Design Phase III Review | 27NOV01 | 1MAR02 | 0 |
| ..MG070M2 | * | 0 | 0 | 0 | SU | | Complete MGDS Design Phase III | | 1MAR02 | 0 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..MG170AM2 | * | 0 | 0 | 0 | PR | | Complete MGDS Design - Phase II | | 6AUG99 | 670 |
| MG070M | | 0 | 0 | 0 | | | Start MGDS Design - Phase III | 9AUG99 | | 670 |
| ..RP080 | * | 642 | 642 | 0 | SU SS | 0 | Surface Design Phase III | 9AUG99 | 1MAR02 | 0 |
| ..RP180 | * | 642 | 642 | 0 | SU SS | 0 | Subsurface Design Phase III | 9AUG99 | 1MAR02 | 0 |
| ..WP275 | * | 642 | 642 | 0 | SU SS | 0 | EBS Design Phase III | 9AUG99 | 1MAR02 | 0 |
| ..MG070 | * | 66 | 66 | 0 | PR | | MGDS Design Phase III Review | 27NOV01 | 1MAR02 | 0 |
| MG070M2 | | 0 | 0 | 0 | | | Complete MGDS Design Phase III | | 1MAR02 | 0 |
| ..RP020 | * | 521 | 521 | 0 | PR | | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..RP120 | * | 521 | 521 | 0 | PR | | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| MG120M2 | | 0 | 0 | 0 | | | Complete MGDS Design - Phase I | | 29SEP97 | 82 |
| ..SERST | * | 131 | 131 | 0 | SU FS | 10 | Perform Retrievability Study - VA | 14OCT97 | 14APR98 | 82 |
| ..SEUVW | * | 127 | 127 | 0 | SU FS | 10 | Perform Safeguards and Security Rqmnts Study | 14OCT97 | 8APR98 | 86 |
| ..MG060 | * | 66 | 66 | 0 | PR FS | 5 | MGDS Design Phase II Review | 30APR99 | 30JUL99 | 127 |
| ..RP070A | | 475 | 475 | 0 | PR | | Surface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..RP170A | | 475 | 475 | 0 | PR | | Subsurface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| MG170AM2 | | 0 | 0 | 0 | | | Complete MGDS Design - Phase II | | 6AUG99 | 670 |
| ..MG070M | * | 0 | 0 | 0 | SU | | Start MGDS Design - Phase III | 9AUG99 | | 670 |
| NE1010 | | 88 | 88 | 0 | | | Identify and Eval existing data for NEPA | 1OCT96* | 30JAN97 | 1 |
| ..NE1016 | * | 173 | 173 | 0 | SU | | Gather Design/PA/Affected Environment Data | 31JAN97 | 30SEP97 | 8 |
| ..NE1040 | * | 34 | 34 | 0 | SU | | First Draft DOPAA | 31JAN97 | 19MAR97 | 107 |
| ..PA164 | | 265 | 265 | 0 | SU | | Preclosure PA-VA/PISA Ch. 7 | 18AUG97 | 21AUG98 | 6 |
| ..PA230 | | 265 | 265 | 0 | SU | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SEXYZ | * | 171 | 171 | 0 | SU | | Regional Transportation Data Collection | 31JAN97 | 26SEP97 | 1 |
| ..XPA11 | | 225 | 225 | 0 | SU | | TSPA Input to NEPA | 13OCT97 | 21AUG98 | 7 |
| ..XPA12 | | 225 | 225 | 0 | SU | | Preclosure PA Input to NEPA | 13OCT97 | 21AUG98 | 7 |
| ..NE1038 | * | 66 | 66 | 0 | PR | | Review of Scoping Results | 1OCT96* | 31DEC96 | 104 |
| NE1013 | | 90 | 90 | 0 | | | Prepare Scoping Comment Response Document | 1JAN97 | 6MAY97 | 104 |
| ..NE1016 | | 173 | 173 | 0 | SU FF | 0 | Gather Design/PA/Affected Environment Data | 31JAN97 | 30SEP97 | 8 |
| ..NE1038M2 | * | 0 | 0 | 0 | SU | | Issue EIS Scoping Comment Response Document | | 6MAY97 | 1208 |
| ..NE1250 | | 120 | 120 | 0 | SU | | Preliminary Impacts Assessment | 30SEP97 | 16MAR98 | 0 |
| ..NE1016 | | 173 | 173 | 0 | PR SF | 0 | Gather Design/PA/Affected Environment Data | 31JAN97 | 30SEP97 | 8 |
| ..SEXYZ | | 171 | 171 | 0 | PR | | Regional Transportation Data Collection | 31JAN97 | 26SEP97 | 1 |
| ..ST2.3A | | 261 | 261 | 0 | PR | | Structural/Stratigraphic Data Collection | 2OCT95 | 30SEP96 | 169 |
| ..ST2.4A | | 380 | 380 | 0 | PR | | Hydrologic Data Collection | 2OCT95 | 14MAR97 | 121 |
| ..ST2.5A | | 440 | 440 | 0 | PR | | Mineralogy/Petrology/Geochemical Data Collection | 2OCT95 | 6JUN97 | 31 |
| ..ST2.6A | | 371 | 371 | 0 | PR | | Meteorologic/Paleoclimate Data Collection | 2OCT95 | 3MAR97 | 130 |
| ..ST2.7A | | 501 | 501 | 0 | PR | | Near Field Data Collection | 2OCT95 | 1SEP97 | 20 |
| NE1015M3 | | 0 | 0 | 0 | | | Receipt of Affected Environment Data | | 30SEP97* | 44 |
| ..NE1250 | | 120 | 120 | 0 | SU FF | 75 | Preliminary Impacts Assessment | 30SEP97 | 16MAR98 | 0 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..NE1010 | * | 88 | 88 | 0 | PR | | Identify and Eval existing data for NEPA | 1OCT96* | 30JAN97 | 1 |
| ..NE1013 | | 90 | 90 | 0 | PR FF | 0 | Prepare Scoping Comment Response Document | 1JAN97 | 6MAY97 | 104 |
| ..NE1260M3 | | 0 | 0 | 0 | PR | | EIS Contractor on Board | 1OCT96 | | 96 |
| NE1016 | | 173 | 173 | 0 | | | Gather Design/PA/Affected Environment Data | 31JAN97 | 30SEP97 | 8 |
| ..NE1015M3 | | 0 | 0 | 0 | SU SF | 0 | Receipt of Affected Environment Data | | 30SEP97* | 44 |
| ..NE1018M3 | | 0 | 0 | 0 | SU SF | 0 | Receipt of TSPA98 data | | 21AUG98 | 7 |
| ..PA164 | | 265 | 265 | 0 | SU SS | 0 | Preclosure PA-VA/PISA Ch. 7 | 18AUG97 | 21AUG98 | 6 |
| ..PA230 | | 265 | 265 | 0 | SU FF | 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR520 | | 269 | 269 | 0 | SU SS | 0 | Site/Design Process Model Review/PR Intrm Rprt | 17JUN97* | 26JUN98 | 16 |
| ..XPA11 | | 225 | 225 | 0 | SU | | TSPA Input to NEPA | 13OCT97 | 21AUG98 | 7 |
| ..XPA12 | | 225 | 225 | 0 | SU FS | 7 | Preclosure PA Input to NEPA | 13OCT97 | 21AUG98 | 7 |
| ..RP020 | * | 521 | 521 | 0 | PR | | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..RP120 | * | 521 | 521 | 0 | PR | | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..SE306 | | 134 | 134 | 0 | PR | | Write PISA Ch 11 - Conduct of Operations | 1OCT96 | 4APR97 | 71 |
| ..WP050A | * | 521 | 521 | 0 | PR | | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| NE1017M3 | | 0 | 0 | 0 | | | Receipt of Design/Con-Ops Data | | 29SEP97 | 0 |
| ..NE1250 | * | 120 | 120 | 0 | SU | | Preliminary Impacts Assessment | 30SEP97 | 16MAR98 | 0 |
| ..NE1016 | | 173 | 173 | 0 | PR SF | 0 | Gather Design/PA/Affected Environment Data | 31JAN97 | 30SEP97 | 8 |
| ..XPA11 | * | 225 | 225 | 0 | PR | | TSPA Input to NEPA | 13OCT97 | 21AUG98 | 7 |
| ..XPA12 | * | 225 | 225 | 0 | PR | | Preclosure PA Input to NEPA | 13OCT97 | 21AUG98 | 7 |
| NE1018M3 | | 0 | 0 | 0 | | | Receipt of TSPA98 data | | 21AUG98 | 7 |
| ..NE5001 | | 120 | 120 | 0 | SU | | Prepare PDEIS | 2SEP98 | 16FEB99 | 0 |
| ..NE1250 | * | 120 | 120 | 0 | PR | | Preliminary Impacts Assessment | 30SEP97 | 16MAR98 | 0 |
| NE1024 | | 121 | 121 | 0 | | | Impacts Analysis | 17MAR98 | 1SEP98 | 0 |
| ..NE5001 | * | 120 | 120 | 0 | SU | | Prepare PDEIS | 2SEP98 | 16FEB99 | 0 |
| ..NE5024 | * | 44 | 44 | 0 | SU | | PISA/PDEIS Variance Analysis | 2SEP98 | 2NOV98 | 80 |
| ..NE5001 | * | 120 | 120 | 0 | PR | | Prepare PDEIS | 2SEP98 | 16FEB99 | 0 |
| ..NE5003 | * | 22 | 22 | 0 | PR SS | 0 | DOE HQ Review | 17FEB99 | 18MAR99 | 4 |
| ..NE5024 | | 44 | 44 | 0 | PR | | PISA/PDEIS Variance Analysis | 2SEP98 | 2NOV98 | 80 |
| NE1025 | | 118 | 118 | 0 | | | DEIS Prepare and Issue | 17FEB99 | 30JUL99 | 4 |
| ..NE1032 | * | 132 | 132 | 0 | SU FS | -1 | Public Comment Period (6 Months) | 30JUL99 | 31JAN00 | 171 |
| ..R5151M1 | * | 0 | 0 | 0 | SU | | Publish Draft EIS | | 30JUL99 | 675 |
| ..RP070A | * | 475 | 475 | 0 | SU FF | 0 | Surface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..RP170A | * | 475 | 475 | 0 | SU FF | 0 | Subsurface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..WP050 | * | 475 | 475 | 0 | SU FF | 0 | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..NE1025 | * | 118 | 118 | 0 | PR FS | -1 | DEIS Prepare and Issue | 17FEB99 | 30JUL99 | 4 |
| NE1032 | | 132 | 132 | 0 | | | Public Comment Period (6 Months) | 30JUL99 | 31JAN00 | 171 |
| ..NE1033 | * | 120 | 120 | 0 | SU SS | 44 | Comment Resolution | 30SEP99 | 15MAR00 | 212 |
| ..NE1039 | * | 73 | 73 | 0 | SU | | PFEIS Prepare and Issue | 1FEB00 | 11MAY00 | 171 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..NE1032 | * | 132 | 132 | 0 | PR SS | 44 | Public Comment Period (6 Months) | 30JUL99 | 31JAN00 | 171 |
| NE1033 | | 120 | 120 | 0 | | | Comment Resolution | 30SEP99 | 15MAR00 | 212 |
| ..NE1039 | | 73 | 73 | 0 | SU FF | 0 | PFEIS Prepare and Issue | 1FEB00 | 11MAY00 | 171 |
| NE1038 | | 66 | 66 | 0 | | | Review of Scoping Results | 1OCT96* | 31DEC96 | 104 |
| ..NE1013 | * | 90 | 90 | 0 | SU | | Prepare Scoping Comment Response Document | 1JAN97 | 6MAY97 | 104 |
| ..NE1038M2 | | 0 | 0 | 0 | SU | | Issue EIS Scoping Comment Response Document | | 6MAY97 | 1208 |
| ..NE1040 | | 34 | 34 | 0 | SU | | First Draft DOPAA | 31JAN97 | 19MAR97 | 107 |
| ..NE1013 | * | 90 | 90 | 0 | PR | | Prepare Scoping Comment Response Document | 1JAN97 | 6MAY97 | 104 |
| ..NE1038 | | 66 | 66 | 0 | PR | | Review of Scoping Results | 1OCT96* | 31DEC96 | 104 |
| NE1038M2 | | 0 | 0 | 0 | | | Issue EIS Scoping Comment Response Document | | 6MAY97 | 1208 |
| ..NE1032 | * | 132 | 132 | 0 | PR | | Public Comment Period (6 Months) | 30JUL99 | 31JAN00 | 171 |
| ..NE1033 | | 120 | 120 | 0 | PR FF | 0 | Comment Resolution | 30SEP99 | 15MAR00 | 212 |
| ..RP070A | | 475 | 475 | 0 | PR | | Surface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..RP170A | | 475 | 475 | 0 | PR | | Subsurface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..SR400M2 | | 0 | 0 | 0 | PR | | YMSCO Accepts Viability Assessment | | 28AUG98 | 1 |
| ..WP050 | | 475 | 475 | 0 | PR | | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| NE1039 | | 73 | 73 | 0 | | | PFEIS Prepare and Issue | 1FEB00 | 11MAY00 | 171 |
| ..NE1039M2 | * | 0 | 0 | 0 | SU | | Issue Preliminary Final EIS | | 11MAY00 | 451 |
| ..NE1041 | * | 76 | 76 | 0 | SU | | FEIS Prepare and Issue | 12MAY00 | 25AUG00 | 171 |
| ..NE1043 | * | 22 | 22 | 0 | SU | | DOE HQ Review | 12MAY00 | 12JUN00 | 171 |
| ..NE1039 | * | 73 | 73 | 0 | PR | | PFEIS Prepare and Issue | 1FEB00 | 11MAY00 | 171 |
| NE1039M2 | | 0 | 0 | 0 | | | Issue Preliminary Final EIS | | 11MAY00 | 451 |
| ..NE1010 | * | 88 | 88 | 0 | PR | | Identify and Eval existing data for NEPA | 1OCT96* | 30JAN97 | 1 |
| ..NE1038 | | 66 | 66 | 0 | PR | | Review of Scoping Results | 1OCT96* | 31DEC96 | 104 |
| NE1040 | | 34 | 34 | 0 | | | First Draft DOPAA | 31JAN97 | 19MAR97 | 107 |
| ..NE1070 | * | 31 | 31 | 0 | SU | | Final DOPAA | 20MAR97 | 1MAY97 | 107 |
| ..NE1039 | * | 73 | 73 | 0 | PR | | PFEIS Prepare and Issue | 1FEB00 | 11MAY00 | 171 |
| ..NE1043 | * | 22 | 22 | 0 | PR SS | 0 | DOE HQ Review | 12MAY00 | 12JUN00 | 171 |
| NE1041 | | 76 | 76 | 0 | | | FEIS Prepare and Issue | 12MAY00 | 25AUG00 | 171 |
| ..NE1042 | | 25 | 25 | 0 | SU FS | -1 | ROD Prepare and Issue | 28AUG00 | 29SEP00 | 171 |
| ..NE1043M0 | * | 0 | 0 | 0 | SU | | Publish FEIS | | 25AUG00 | 163 |
| ..NE1041 | | 76 | 76 | 0 | PR FS | -1 | FEIS Prepare and Issue | 12MAY00 | 25AUG00 | 171 |
| ..NE1043M0 | * | 0 | 0 | 0 | PR | | Publish FEIS | | 25AUG00 | 163 |
| ..PG008 | * | 1044 | 1044 | 0 | PR FF | 0 | EIS Contractor | 1OCT96 | 29SEP00 | 171 |
| NE1042 | | 25 | 25 | 0 | | | ROD Prepare and Issue | 28AUG00 | 29SEP00 | 171 |
| ..R5171M0 | * | 0 | 0 | 0 | SU FF | 0 | Publish FEIS Record of Decision | | 29SEP00 | 370 |
| ..R5220M0 | | 0 | 0 | 0 | SU FS | 22 | Secretary Notifies State of Site Selection | | 27JUN01 | 0 |
| ..SR445M2 | * | 0 | 0 | 0 | SU | | Complete Administrative Record for SR | | 29SEP00 | 353 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..SR459 | | 0 | 0 | 0 | SU | | OCRWM Submits Proposed SR to Secretary | | 25MAY01 | 0 |
| ..NE1039 | * | 73 | 73 | 0 | PR | | PFEIS Prepare and Issue | 1FEB00 | 11MAY00 | 171 |
| NE1043 | | 22 | 22 | 0 | | | DOE HQ Review | 12MAY00 | 12JUN00 | 171 |
| ..NE1041 | * | 76 | 76 | 0 | SU SS | 0 | FEIS Prepare and Issue | 12MAY00 | 25AUG00 | 171 |
| ..NE1041 | * | 76 | 76 | 0 | PR | | FEIS Prepare and Issue | 12MAY00 | 25AUG00 | 171 |
| NE1043M0 | | 0 | 0 | 0 | | | Publish FEIS | | 25AUG00 | 163 |
| ..NE1042 | * | 25 | 25 | 0 | SU | | ROD Prepare and Issue | 28AUG00 | 29SEP00 | 171 |
| ..RP020 | * | 521 | 521 | 0 | PR | | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..RP120 | * | 521 | 521 | 0 | PR | | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..WP050A | * | 521 | 521 | 0 | PR | | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| NE1045 | | 130 | 130 | 0 | | | Write PISA Ch. 10, Radiation Protection | 30SEP97 | 8APR98 | 913 |
| ..LA350 | * | 67 | 67 | 0 | SU | | Emergency Plan Preparation | 9APR98 | 10JUL98 | 950 |
| ..NE1040 | * | 34 | 34 | 0 | PR | | First Draft DOPAA | 31JAN97 | 19MAR97 | 107 |
| NE1070 | | 31 | 31 | 0 | | | Final DOPAA | 20MAR97 | 1MAY97 | 107 |
| ..NE1070M3 | * | 0 | 0 | 0 | SU | | Issue DOPAA | | 1MAY97 | 1261 |
| ..NE1250 | | 120 | 120 | 0 | SU | | Preliminary Impacts Assessment | 30SEP97 | 16MAR98 | 0 |
| ..NE1070 | * | 31 | 31 | 0 | PR | | Final DOPAA | 20MAR97 | 1MAY97 | 107 |
| NE1070M3 | | 0 | 0 | 0 | | | Issue DOPAA | | 1MAY97 | 1261 |
| NE1240M2 | | 0 | 0 | 0 | | | EIS Contract Awarded | | 1OCT96* | 96 |
| ..NE1260M3 | * | 0 | 0 | 0 | SU FS | -1 | EIS Contractor on Board | 1OCT96 | | 96 |
| ..NE1013 | | 90 | 90 | 0 | PR | | Prepare Scoping Comment Response Document | 1JAN97 | 6MAY97 | 104 |
| ..NE1015M3 | | 0 | 0 | 0 | PR FF | 75 | Receipt of Affected Environment Data | | 30SEP97* | 44 |
| ..NE1017M3 | * | 0 | 0 | 0 | PR | | Receipt of Design/Con-Ops Data | | 29SEP97 | 0 |
| ..NE1070 | | 31 | 31 | 0 | PR | | Final DOPAA | 20MAR97 | 1MAY97 | 107 |
| ..SEXYZ | | 171 | 171 | 0 | PR | | Regional Transportation Data Collection | 31JAN97 | 26SEP97 | 1 |
| NE1250 | | 120 | 120 | 0 | | | Preliminary Impacts Assessment | 30SEP97 | 16MAR98 | 0 |
| ..NE1024 | * | 121 | 121 | 0 | SU | | Impacts Analysis | 17MAR98 | 1SEP98 | 0 |
| ..NE1240M2 | * | 0 | 0 | 0 | PR FS | -1 | EIS Contract Awarded | | 1OCT96* | 96 |
| NE1260M3 | | 0 | 0 | 0 | | | EIS Contractor on Board | 1OCT96 | | 96 |
| ..NE1016 | | 173 | 173 | 0 | SU | | Gather Design/PA/Affected Environment Data | 31JAN97 | 30SEP97 | 8 |
| ..PG008 | * | 1044 | 1044 | 0 | SU SS | 0 | EIS Contractor | 1OCT96 | 29SEP00 | 171 |
| ..NE1018M3 | | 0 | 0 | 0 | PR | | Receipt of TSPA98 data | | 21AUG98 | 7 |
| ..NE1024 | * | 121 | 121 | 0 | PR | | Impacts Analysis | 17MAR98 | 1SEP98 | 0 |
| NE5001 | | 120 | 120 | 0 | | | Prepare PDEIS | 2SEP98 | 16FEB99 | 0 |
| ..NE1025 | * | 118 | 118 | 0 | SU | | DEIS Prepare and Issue | 17FEB99 | 30JUL99 | 4 |
| ..NE5001M2 | * | 0 | 0 | 0 | SU | | Issue Preliminary DEIS | | 16FEB99 | 793 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..NE5003 | * | 22 | 22 | 0 | SU | | DOE HQ Review | 17FEB99 | 18MAR99 | 4 |
| ..SR205 | * | 88 | 88 | 0 | SU FF | 44 | Prepare Draft 10CFR960 Compliance Report | 17DEC98 | 19APR99 | 0 |
| ..NE5001 | * | 120 | 120 | 0 | PR | | Prepare PDEIS | 2SEP98 | 16FEB99 | 0 |
| NE5001M2 | | 0 | 0 | 0 | | | Issue Preliminary DEIS | | 16FEB99 | 793 |
| ..NE5001 | * | 120 | 120 | 0 | PR | | Prepare PDEIS | 2SEP98 | 16FEB99 | 0 |
| NE5003 | | 22 | 22 | 0 | | | DOE HQ Review | 17FEB99 | 18MAR99 | 4 |
| ..NE1025 | * | 118 | 118 | 0 | SU SS | 0 | DEIS Prepare and Issue | 17FEB99 | 30JUL99 | 4 |
| ..LA200M2 | | 0 | 0 | 0 | PR | | YMSCO Cmpl. Project Integrated Safety Assessment | | 21AUG98 | 87 |
| ..NE1024 | * | 121 | 121 | 0 | PR | | Impacts Analysis | 17MAR98 | 1SEP98 | 0 |
| ..RP020 | | 521 | 521 | 0 | PR | | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..RP120 | | 521 | 521 | 0 | PR | | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..WP050A | | 521 | 521 | 0 | PR | | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| NE5024 | | 44 | 44 | 0 | | | PISA/PDEIS Variance Analysis | 2SEP98 | 2NOV98 | 80 |
| ..NE1025 | | 118 | 118 | 0 | SU | | DEIS Prepare and Issue | 17FEB99 | 30JUL99 | 4 |
| PA095 | | 201 | 201 | 0 | | | Computer Code Configuration | 2OCT96* | 9JUL97 | 33 |
| ..PA230 | | 265 | 265 | 0 | SU | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| PA105 | | 390 | 390 | 0 | | | Scenarios Development - VA | 2OCT96* | 31MAR98 | 109 |
| ..PA107 | | 267 | 267 | 0 | SU | | Scenarios Development - LA | 24AUG98 | 31AUG99 | 83 |
| ..PA230 | | 265 | 265 | 0 | SU FF | 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR522 | | 459 | 459 | 0 | SU FF | 0 | Scenario Review/PR Report | 30SEP96* | 2JUL98 | 79 |
| ..PA105 | | 390 | 390 | 0 | PR | | Scenarios Development - VA | 2OCT96* | 31MAR98 | 109 |
| ..PA230 | * | 265 | 265 | 0 | PR | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR522 | | 459 | 459 | 0 | PR | | Scenario Review/PR Report | 30SEP96* | 2JUL98 | 79 |
| ..XWP511 | | 200 | 200 | 0 | PR | | Determine Near field Environment Impacts | 10JUN96* | 27MAR97 | 63 |
| PA107 | | 267 | 267 | 0 | | | Scenarios Development - LA | 24AUG98 | 31AUG99 | 83 |
| ..PA200 | | 260 | 260 | 0 | SU FF | 22 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..MG050 | * | 61 | 61 | 0 | PR SS | 30 | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..NE1010 | | 88 | 88 | 0 | PR | | Identify and Eval existing data for NEPA | 1OCT96* | 30JAN97 | 1 |
| ..NE1016 | | 173 | 173 | 0 | PR SS | 0 | Gather Design/PA/Affected Environment Data | 31JAN97 | 30SEP97 | 8 |
| ..SE310 | | 311 | 311 | 0 | PR FF | 0 | DBA/DBE Definition & Analyses | 2OCT95 | 9DEC96 | 79 |
| PA164 | | 265 | 265 | 0 | | | Preclosure PA-VA/PISA Ch. 7 | 18AUG97 | 21AUG98 | 6 |
| ..LA200 | * | 211 | 211 | 0 | SU FF | 0 | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..PA164M2 | * | 0 | 0 | 0 | SU | | Cmpl Preclosure PA-VA/PISA Ch. 7 | | 21AUG98 | 920 |
| ..SR205 | | 88 | 88 | 0 | SU | | Prepare Draft 10CFR960 Compliance Report | 17DEC98 | 19APR99 | 0 |
| ..SR400M2 | | 0 | 0 | 0 | SU | | YMSCO Accepts Viability Assessment | | 28AUG98 | 1 |
| ..XPA12 | * | 225 | 225 | 0 | SU FF | 0 | Preclosure PA Input to NEPA | 13OCT97 | 21AUG98 | 7 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ..PA164 | * | 265 | 265 | 0 | PR | | | Preclosure PA-VA/PISA Ch. 7 | 18AUG97 | 21AUG98 | 6 |
| PA164M2 | | 0 | 0 | 0 | | | | Cmpl Preclosure PA-VA/PISA Ch. 7 | | 21AUG98 | 920 |
| ..MG060 | | 66 | 66 | 0 | PR | FF | 0 | MGDS Design Phase II Review | 30APR99 | 30JUL99 | 127 |
| ..PA107 | | 267 | 267 | 0 | PR | FF | 22 | Scenarios Development - LA | 24AUG98 | 31AUG99 | 83 |
| ..PA206 | | 218 | 218 | 0 | PR | FF | 44 | Abstraction/Testing WF degradation - LA | 24AUG98 | 23JUN99 | 110 |
| ..PA212 | | 218 | 218 | 0 | PR | FF | 44 | Abstraction/Testing WP degradation - LA | 9JUN98 | 8APR99 | 164 |
| ..PA214 | | 218 | 218 | 0 | PR | FF | 44 | Abstraction/Testing WF Mobilization- LA | 9JUN98 | 8APR99 | 164 |
| ..PA230 | | 265 | 265 | 0 | PR | | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR254 | | 128 | 128 | 0 | PR | FF | 0 | Final Peer Review | 3SEP98* | 1MAR99 | 35 |
| ..SR520 | | 269 | 269 | 0 | PR | | | Site/Design Process Model Review/PR Intrm Rprt | 17JUN97* | 26JUN98 | 16 |
| ..ST2.4E | | 312 | 312 | 0 | PR | FF | 0 | Hydrologic Confirmatory Testing | 4FEB98 | 15APR99 | 203 |
| ..ST2.5E | | 346 | 346 | 0 | PR | FF | 0 | Geochemical/Transport Confirmatory Testing | 4FEB98 | 2JUN99 | 169 |
| ..ST2.7E | | 406 | 406 | 0 | PR | FF | 0 | Near Field Environment Confirmatory Testing | 11FEB98 | 1SEP99 | 104 |
| ..ST205 | | 200 | 200 | 0 | PR | | | Single Heater Test: Cool-Down | 2JUN97 | 6MAR98 | 232 |
| ..ST215 | * | 520 | 520 | 0 | PR | FF | 88 | Drift Scale Heater Test: Heat-Up | 29JUL97 | 26JUL99 | 43 |
| ..WP0020 | | 194 | 194 | 0 | PR | | | Prepare EMCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| ..WP110 | | 194 | 194 | 0 | PR | | | Prepare WFCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| ..XPA02 | | 154 | 154 | 0 | PR | FF | 44 | Abstraction/Testing of UZ Flow Models - LA | 4MAR98 | 5OCT98 | 297 |
| ..XPA04 | | 154 | 154 | 0 | PR | FF | 44 | Abstraction/Testing of SZ Flow Models - LA | 4MAR98 | 5OCT98 | 297 |
| ..XPA06 | | 154 | 154 | 0 | PR | FF | 44 | Abstraction/Testing of F&T Models - LA | 8JUN98 | 7JAN99 | 229 |
| ..XPA08 | | 154 | 154 | 0 | PR | FF | 44 | Abstraction/Testing of NF Environ Models - LA | 9JUN98 | 8JAN99 | 228 |
| ..XPA10 | | 154 | 154 | 0 | PR | FF | 44 | Abstraction/Testing of T/H Models - LA | 9JUN98 | 8JAN99 | 228 |
| PA200 | | 260 | 260 | 0 | | | | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..LA360 | * | 284 | 284 | 0 | SU | FF | 142 | Prepare Draft License Application | 12MAY99 | 12JUN00 | 43 |
| ..PA200M2 | * | 0 | 0 | 0 | SU | | | Cmpl TSPA Sensitivity for LA | | 25NOV99 | 591 |
| ..ST2.3C | | 1414 | 1414 | 0 | SU | FF | 0 | Structural/Stratigraphic Ongoing Monitoring | 1OCT96 | 1MAR02 | 0 |
| ..ST2.4C | | 1295 | 1295 | 0 | SU | FF | 0 | Hydrologic Ongoing Monitoring | 17MAR97 | 1MAR02 | 0 |
| ..ST2.5C | | 1235 | 1235 | 0 | SU | FF | 0 | Geochemical Ongoing Monitoring | 9JUN97 | 1MAR02 | 0 |
| ..WP060 | | 1566 | 1566 | 0 | SU | | | Long Duration Materials Testing | 1MAR96 | 1MAR02 | 0 |
| ..WP122 | | 1566 | 1566 | 0 | SU | | | Long-Term Waste Form Testing & Modeling | 1MAR96 | 1MAR02 | 0 |
| ..PA200 | * | 260 | 260 | 0 | PR | | | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| PA200M2 | | 0 | 0 | 0 | | | | Cmpl TSPA Sensitivity for LA | | 25NOV99 | 591 |
| ..MG060 | * | 66 | 66 | 0 | PR | FF | 0 | MGDS Design Phase II Review | 30APR99 | 30JUL99 | 127 |
| PA202 | | 260 | 260 | 0 | | | | Preclosure PA Sensitivity for LA | 3AUG98 | 30JUL99 | 127 |
| ..LA360 | | 284 | 284 | 0 | SU | FF | 142 | Prepare Draft License Application | 12MAY99 | 12JUN00 | 43 |
| ..PA202M2 | * | 0 | 0 | 0 | SU | | | Cmpl Preclosure PA Sensitivity for LA | | 30JUL99 | 675 |
| ..PA202 | * | 260 | 260 | 0 | PR | | | Preclosure PA Sensitivity for LA | 3AUG98 | 30JUL99 | 127 |
| PA202M2 | | 0 | 0 | 0 | | | | Cmpl Preclosure PA Sensitivity for LA | | 30JUL99 | 675 |
| ..WP0035 | * | 259 | 259 | 0 | PR | FF | 88 | Prepare WFCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| PA204 | | 271 | 271 | 0 | | | | Abstraction/Testing WF degradation - VA | 17JUN96 | 30JUN97 | 96 |

| ACTIVITY ID | ORIG DUR | REM DUR | % | | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..PA206 | 218 | 218 | 0 | SU | | | Abstraction/Testing WF degradation - LA | 24AUG98 | 23JUN99 | 110 |
| ..PA214 | 218 | 218 | 0 | SU | | | Abstraction/Testing WF Mobilization- LA | 9JUN98 | 8APR99 | 164 |
| ..PA230 | 265 | 265 | 0 | SU | FF | 131 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR540 | 73 | 73 | 0 | SU | | | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..PA204 | 271 | 271 | 0 | PR | | | Abstraction/Testing WF degradation - VA | 17JUN96 | 30JUN97 | 96 |
| ..PA230 * | 265 | 265 | 0 | PR | | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR540 | 73 | 73 | 0 | PR | | | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..WP110 | 194 | 194 | 0 | PR | FF | 180 | Prepare WFCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| PA206 | 218 | 218 | 0 | | | | Abstraction/Testing WF degradation - LA | 24AUG98 | 23JUN99 | 110 |
| ..PA200 | 260 | 260 | 0 | SU | FF | 44 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..WP015 * | 259 | 259 | 0 | PR | FF | 88 | Prepare EMCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| PA208 | 271 | 271 | 0 | | | | Abstraction/Testing WP degradation - VA | 17JUN96 | 30JUN97 | 96 |
| ..PA212 | 218 | 218 | 0 | SU | | | Abstraction/Testing WP degradation - LA | 9JUN98 | 8APR99 | 164 |
| ..PA230 | 265 | 265 | 0 | SU | FF | 131 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR540 | 73 | 73 | 0 | SU | | | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..ST2.7B * | 536 | 536 | 0 | PR | FF | 88 | Near Field Environ. Model Development | 2OCT95 | 20OCT97 | 1 |
| PA210 | 271 | 271 | 0 | | | | Abstraction/Testing WF Mobilization - VA | 6FEB97 | 19FEB98 | 6 |
| ..PA214 | 218 | 218 | 0 | SU | | | Abstraction/Testing WF Mobilization- LA | 9JUN98 | 8APR99 | 164 |
| ..PA230 * | 265 | 265 | 0 | SU | FF | 131 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR540 | 73 | 73 | 0 | SU | SS | 0 | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..PA208 | 271 | 271 | 0 | PR | | | Abstraction/Testing WP degradation - VA | 17JUN96 | 30JUN97 | 96 |
| ..PA230 | 265 | 265 | 0 | PR | SS | 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR540 | 73 | 73 | 0 | PR | | | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..WP0020 * | 194 | 194 | 0 | PR | FF | 131 | Prepare EMCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| PA212 | 218 | 218 | 0 | | | | Abstraction/Testing WP degradation - LA | 9JUN98 | 8APR99 | 164 |
| ..PA200 | 260 | 260 | 0 | SU | FF | 44 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..PA204 | 271 | 271 | 0 | PR | | | Abstraction/Testing WF degradation - VA | 17JUN96 | 30JUN97 | 96 |
| ..PA210 | 271 | 271 | 0 | PR | | | Abstraction/Testing WF Mobilization - VA | 6FEB97 | 19FEB98 | 6 |
| ..SR540 * | 73 | 73 | 0 | PR | FS | 77 | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..WP110 | 194 | 194 | 0 | PR | SS | 0 | Prepare WFCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| PA214 | 218 | 218 | 0 | | | | Abstraction/Testing WF Mobilization- LA | 9JUN98 | 8APR99 | 164 |
| ..PA200 | 260 | 260 | 0 | SU | FF | 44 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..MG050 | 61 | 61 | 0 | PR | FF | 0 | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..NE1010 | 88 | 88 | 0 | PR | | | Identify and Eval existing data for NEPA | 1OCT96* | 30JAN97 | 1 |
| ..NE1016 | 173 | 173 | 0 | PR | FF | 0 | Gather Design/PA/Affected Environment Data | 31JAN97 | 30SEP97 | 8 |
| ..PA095 | 201 | 201 | 0 | PR | | | Computer Code Configuration | 2OCT96* | 9JUL97 | 33 |
| ..PA105 | 390 | 390 | 0 | PR | FF | 0 | Scenarios Development - VA | 2OCT96* | 31MAR98 | 109 |
| ..PA204 | 271 | 271 | 0 | PR | FF | 131 | Abstraction/Testing WF degradation - VA | 17JUN96 | 30JUN97 | 96 |
| ..PA208 | 271 | 271 | 0 | PR | FF | 131 | Abstraction/Testing WP degradation - VA | 17JUN96 | 30JUN97 | 96 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ..PA210 | * | 271 | 271 | 0 | PR FF | 131 | | Abstraction/Testing WF Mobilization - VA | 6FEB97 | 19FEB98 | 6 |
| ..SEGHIM2 | | 0 | 0 | 0 | PR | | | Complete Waste Qty, Mix, and Throughput Study | | 1APR97 | 104 |
| ..SR252 | | 267 | 267 | 0 | PR FF | | 0 | Implement Process Model Changes | 31JUL97 | 7AUG98 | 16 |
| ..SR520 | | 269 | 269 | 0 | PR FF | | 0 | Site/Design Process Model Review/PR Intrm Rprt | 17JUN97* | 26JUN98 | 16 |
| ..ST2.4B | | 446 | 446 | 0 | PR | | | Hydrologic Model Development | 2OCT95 | 16JUN97 | 16 |
| ..ST2.5B | | 496 | 496 | 0 | PR FF | | 200 | Transport Model Development | 16OCT95 | 8SEP97 | 31 |
| ..ST2.7B | | 536 | 536 | 0 | PR FF | | 173 | Near Field Environ. Model Development | 2OCT95 | 20OCT97 | 1 |
| ..WP0035 | | 259 | 259 | 0 | PR FF | | 110 | Prepare WFCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| ..WP015 | | 259 | 259 | 0 | PR FF | | 110 | Prepare EMCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| ..XPA01 | | 271 | 271 | 0 | PR FF | | 131 | Abstraction/Testing of UZ Flow Models - VA | 3OCT96 | 16OCT97 | 91 |
| ..XPA03 | | 271 | 271 | 0 | PR FF | | 131 | Abstraction/Testing of SZ Flow Models - VA | 3OCT96 | 16OCT97 | 91 |
| ..XPA05 | | 271 | 271 | 0 | PR FF | | 131 | Abstraction/Testing of F&T Models - VA | 26DEC96 | 8JAN98 | 31 |
| ..XPA07 | | 262 | 262 | 0 | PR FF | | 131 | Abstraction/Testing of NF Environ Models - VA | 7FEB97 | 9FEB98 | 9 |
| ..XPA09 | * | 271 | 271 | 0 | PR FF | | 131 | Abstraction/Testing of T/H Models - VA | 6FEB97 | 19FEB98 | 1 |
| PA230 | | 265 | 265 | 0 | | | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..LA200 | * | 211 | 211 | 0 | SU FF | | 0 | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..PA107 | * | 267 | 267 | 0 | SU | | | Scenarios Development - LA | 24AUG98 | 31AUG99 | 83 |
| ..PA200 | | 260 | 260 | 0 | SU | | | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..PA206 | * | 218 | 218 | 0 | SU | | | Abstraction/Testing WF degradation - LA | 24AUG98 | 23JUN99 | 110 |
| ..PA212 | | 218 | 218 | 0 | SU SS | | 0 | Abstraction/Testing WP degradation - LA | 9JUN98 | 8APR99 | 164 |
| ..PA230M2 | * | 0 | 0 | 0 | SU | | | Cmpl TSPA-VA/PISA Ch. 8 Analyses/Documentation | | 21AUG98 | 920 |
| ..SR205 | | 88 | 88 | 0 | SU | | | Prepare Draft 10CFR960 Compliance Report | 17DEC98 | 19APR99 | 0 |
| ..SR250 | | 136 | 136 | 0 | SU FF | | 0 | TSPA-VA/PR Letter Report | 20FEB98* | 28AUG98 | 1 |
| ..SR254 | | 128 | 128 | 0 | SU | | | Final Peer Review | 3SEP98* | 1MAR99 | 35 |
| ..SR400M2 | | 0 | 0 | 0 | SU | | | YMSCO Accepts Viability Assessment | | 28AUG98 | 1 |
| ..ST2.4E | | 312 | 312 | 0 | SU SS | | 0 | Hydrologic Confirmatory Testing | 4FEB98 | 15APR99 | 203 |
| ..ST2.5E | | 346 | 346 | 0 | SU SS | | 0 | Geochemical/Transport Confirmatory Testing | 4FEB98 | 2JUN99 | 169 |
| ..ST2.7E | | 406 | 406 | 0 | SU SS | | 0 | Near Field Environment Confirmatory Testing | 11FEB98 | 1SEP99 | 104 |
| ..XPA02 | | 154 | 154 | 0 | SU SS | | 0 | Abstraction/Testing of UZ Flow Models - LA | 4MAR98 | 5OCT98 | 297 |
| ..XPA04 | | 154 | 154 | 0 | SU FF | | 0 | Abstraction/Testing of SZ Flow Models - LA | 4MAR98 | 5OCT98 | 297 |
| ..XPA06 | | 154 | 154 | 0 | SU SS | | 0 | Abstraction/Testing of F&T Models - LA | 8JUN98 | 7JAN99 | 229 |
| ..XPA10 | | 154 | 154 | 0 | SU SS | | 0 | Abstraction/Testing of T/H Models - LA | 9JUN98 | 8JAN99 | 228 |
| ..XPA11 | * | 225 | 225 | 0 | SU FF | | 0 | TSPA Input to NEPA | 13OCT97 | 21AUG98 | 7 |
| ..PA230 | * | 265 | 265 | 0 | PR | | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| PA230M2 | | 0 | 0 | 0 | | | | Cmpl TSPA-VA/PISA Ch. 8 Analyses/Documentation | | 21AUG98 | 920 |
| ..PR15M2 | | 0 | 0 | 0 | PR FF | | 44 | YMSCO provides PR 15 Camera-Ready Copy | | 2DEC96* | 1325 |
| PR15M1 | | 0 | 0 | 0 | | | | OCRWM issue Semi-Annual SC Progress Rpt 15 | | 3FEB97* | 1324 |
| ..PR15M3 | * | 0 | 0 | 0 | PR FF | | 44 | YMSCO provides PR 15 Camera-Ready Copy | | 1OCT96* | 1325 |
| PR15M2 | | 0 | 0 | 0 | | | | YMSCO provides PR 15 Camera-Ready Copy | | 2DEC96* | 1325 |
| ..PR15M1 | | 0 | 0 | 0 | SU FF | | 44 | OCRWM issue Semi-Annual SC Progress Rpt 15 | | 3FEB97* | 1324 |

Schedule Report - Detailed Precedence Analysis

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| PR15M3 | | 0 | 0 | 0 | | | YMSCO provides PR 15 Camera-Ready Copy | | 1OCT96* | 1325 |
| ..PR15M2 | * | 0 | 0 | 0 | SU FF | 44 | YMSCO provides PR 15 Camera-Ready Copy | | 2DEC96* | 1325 |
| ..PR16M2 | * | 0 | 0 | 0 | PR FF | 44 | YMSCO provides PR 16 Camera-Ready Copy | | 2JUN97* | 1195 |
| PR16M1 | | 0 | 0 | 0 | | | OCRWM issue Semi-Annual SC Progress Rpt 16 | | 1AUG97* | 1195 |
| ..PR16M3 | * | 0 | 0 | 0 | PR FF | 44 | Submit Progress Rprt 16 to YMSCO AMs for Review | | 1APR97* | 1195 |
| PR16M2 | | 0 | 0 | 0 | | | YMSCO provides PR 16 Camera-Ready Copy | | 2JUN97* | 1195 |
| ..PR16M1 | * | 0 | 0 | 0 | SU FF | 44 | OCRWM issue Semi-Annual SC Progress Rpt 16 | | 1AUG97* | 1195 |
| PR16M3 | | 0 | 0 | 0 | | | Submit Progress Rprt 16 to YMSCO AMs for Review | | 1APR97* | 1195 |
| ..PR16M2 | * | 0 | 0 | 0 | SU FF | 44 | YMSCO provides PR 16 Camera-Ready Copy | | 2JUN97* | 1195 |
| ..PR17M2 | * | 0 | 0 | 0 | PR FF | 44 | YMSCO provides PR 17 Camera-Ready Copy | | 2DEC97* | 1064 |
| PR17M1 | | 0 | 0 | 0 | | | OCRWM issue Semi-Annual SC Progress Rpt 17 | | 2FEB98* | 1064 |
| ..PR17M3 | * | 0 | 0 | 0 | PR FF | 44 | Submit Progress Rprt 17 to YMSCO AMs for Review | | 1OCT97* | 1064 |
| PR17M2 | | 0 | 0 | 0 | | | YMSCO provides PR 17 Camera-Ready Copy | | 2DEC97* | 1064 |
| ..PR17M1 | * | 0 | 0 | 0 | SU FF | 44 | OCRWM issue Semi-Annual SC Progress Rpt 17 | | 2FEB98* | 1064 |
| PR17M3 | | 0 | 0 | 0 | | | Submit Progress Rprt 17 to YMSCO AMs for Review | | 1OCT97* | 1064 |
| ..PR17M2 | * | 0 | 0 | 0 | SU FF | 44 | YMSCO provides PR 17 Camera-Ready Copy | | 2DEC97* | 1064 |
| ..PR18M2 | * | 0 | 0 | 0 | PR FF | 44 | YMSCO provides PR 18 Camera-Ready Copy | | 2JUN98* | 934 |
| PR18M1 | | 0 | 0 | 0 | | | OCRWM issue Semi-Annual SC Progress Rpt 18 | | 3AUG98* | 934 |
| ..PR18M3 | * | 0 | 0 | 0 | PR FF | 44 | Submit Progress Rprt 18 to YMSCO AMs for Review | | 1APR98* | 934 |
| PR18M2 | | 0 | 0 | 0 | | | YMSCO provides PR 18 Camera-Ready Copy | | 2JUN98* | 934 |
| ..PR18M1 | * | 0 | 0 | 0 | SU FF | 44 | OCRWM issue Semi-Annual SC Progress Rpt 18 | | 3AUG98* | 934 |
| PR18M3 | | 0 | 0 | 0 | | | Submit Progress Rprt 18 to YMSCO AMs for Review | | 1APR98* | 934 |
| ..PR18M2 | * | 0 | 0 | 0 | SU FF | 44 | YMSCO provides PR 18 Camera-Ready Copy | | 2JUN98* | 934 |
| ..PR19M2 | * | 0 | 0 | 0 | PR FF | 44 | YMSCO provides PR 19 Camera-Ready Copy | | 2DEC98* | 803 |
| PR19M1 | | 0 | 0 | 0 | | | OCRWM issue Semi-Annual SC Progress Rpt 19 | | 2FEB99* | 803 |
| ..PR19M3 | * | 0 | 0 | 0 | PR FF | 44 | Submit Progress Rprt 19 to YMSCO AMs for Review | | 1OCT98* | 803 |
| PR19M2 | | 0 | 0 | 0 | | | YMSCO provides PR 19 Camera-Ready Copy | | 2DEC98* | 803 |
| ..PR19M1 | * | 0 | 0 | 0 | SU FF | 44 | OCRWM issue Semi-Annual SC Progress Rpt 19 | | 2FEB99* | 803 |
| PR19M3 | | 0 | 0 | 0 | | | Submit Progress Rprt 19 to YMSCO AMs for Review | | 1OCT98* | 803 |
| ..PR19M2 | * | 0 | 0 | 0 | SU FF | 44 | YMSCO provides PR 19 Camera-Ready Copy | | 2DEC98* | 803 |
| ..PR20M2 | * | 0 | 0 | 0 | PR FF | 44 | YMSCO provides PR 20 Camera-Ready Copy | | 2JUN99* | 673 |
| PR20M1 | | 0 | 0 | 0 | | | OCRWM issue Semi-Annual SC Progress Rpt 20 | | 3AUG99* | 673 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..PR20M3 | * | 0 | 0 | 0 | PR FF | 44 | Submit Progress Rprt 20 to YMSCO AMs for Review | | 1APR99* | 673 |
| PR20M2 | | 0 | 0 | 0 | | | YMSCO provides PR 20 Camera-Ready Copy | | 2JUN99* | 673 |
| ..PR20M1 | * | 0 | 0 | 0 | SU FF | 44 | OCRWM issue Semi-Annual SC Progress Rpt 20 | | 3AUG99* | 673 |
| PR20M3 | | 0 | 0 | 0 | | | Submit Progress Rprt 20 to YMSCO AMs for Review | | 1APR99* | 673 |
| ..PR20M2 | * | 0 | 0 | 0 | SU FF | 44 | YMSCO provides PR 20 Camera-Ready Copy | | 2JUN99* | 673 |
| ..PR21M2 | * | 0 | 0 | 0 | PR FF | 44 | YMSCO provides PR 21 Camera-Ready Copy | | 2DEC99* | 542 |
| PR21M1 | | 0 | 0 | 0 | | | OCRWM issue Semi-Annual SC Progress Rpt 21 | | 2FEB00* | 542 |
| ..PR21M3 | * | 0 | 0 | 0 | PR FF | 44 | Submit Progress Rprt 21 to YMSCO AMs for Review | | 1OCT99* | 542 |
| PR21M2 | | 0 | 0 | 0 | | | YMSCO provides PR 21 Camera-Ready Copy | | 2DEC99* | 542 |
| ..PR21M1 | * | 0 | 0 | 0 | SU FF | 44 | OCRWM issue Semi-Annual SC Progress Rpt 21 | | 2FEB00* | 542 |
| PR21M3 | | 0 | 0 | 0 | | | Submit Progress Rprt 21 to YMSCO AMs for Review | | 1OCT99* | 542 |
| ..PR21M2 | * | 0 | 0 | 0 | SU FF | 44 | YMSCO provides PR 21 Camera-Ready Copy | | 2DEC99* | 542 |
| ..PR22M2 | * | 0 | 0 | 0 | PR FF | 44 | YMSCO provides PR 22 Camera-Ready Copy | | 2JUN00* | 411 |
| PR22M1 | | 0 | 0 | 0 | | | OCRWM issue Semi-Annual SC Progress Rpt 22 | | 3AUG00* | 411 |
| ..PR22M3 | * | 0 | 0 | 0 | PR FF | 44 | Submit Progress Rprt 22 to YMSCO AMs for Review | | 3APR00* | 411 |
| PR22M2 | | 0 | 0 | 0 | | | YMSCO provides PR 22 Camera-Ready Copy | | 2JUN00* | 411 |
| ..PR22M1 | * | 0 | 0 | 0 | SU FF | 44 | OCRWM issue Semi-Annual SC Progress Rpt 22 | | 3AUG00* | 411 |
| PR22M3 | | 0 | 0 | 0 | | | Submit Progress Rprt 22 to YMSCO AMs for Review | | 3APR00* | 411 |
| ..PR22M2 | * | 0 | 0 | 0 | SU FF | 44 | YMSCO provides PR 22 Camera-Ready Copy | | 2JUN00* | 411 |
| ..PR23M2 | * | 0 | 0 | 0 | PR FF | 44 | YMSCO provides PR 23 Camera-Ready Copy | | 1DEC00* | 281 |
| PR23M1 | | 0 | 0 | 0 | | | OCRWM issue Semi-Annual SC Progress Rpt 23 | | 1FEB01* | 281 |
| ..PR23M3 | * | 0 | 0 | 0 | PR FF | 44 | Submit Progress Rprt 23 to YMSCO AMs for Review | | 2OCT00* | 281 |
| PR23M2 | | 0 | 0 | 0 | | | YMSCO provides PR 23 Camera-Ready Copy | | 1DEC00* | 281 |
| ..PR23M1 | * | 0 | 0 | 0 | SU FF | 44 | OCRWM issue Semi-Annual SC Progress Rpt 23 | | 1FEB01* | 281 |
| PR23M3 | | 0 | 0 | 0 | | | Submit Progress Rprt 23 to YMSCO AMs for Review | | 2OCT00* | 281 |
| ..PR23M2 | * | 0 | 0 | 0 | SU FF | 44 | YMSCO provides PR 23 Camera-Ready Copy | | 1DEC00* | 281 |
| ..PR24M3 | * | 0 | 0 | 0 | PR FF | 44 | Submit Progress Rprt 24 to YMSCO AMs for Review | | 2APR01* | 195 |
| PR24M2 | | 0 | 0 | 0 | | | YMSCO provides PR 24 Camera-Ready Copy | | 1JUN01* | 195 |
| PR24M3 | | 0 | 0 | 0 | | | Submit Progress Rprt 24 to YMSCO AMs for Review | | 2APR01* | 195 |
| ..PR24M2 | * | 0 | 0 | 0 | SU FF | 44 | YMSCO provides PR 24 Camera-Ready Copy | | 1JUN01* | 195 |

Schedule Report - Detailed Precedence Analysis

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..NE1025 | * | 118 | 118 | 0 | PR | | DEIS Prepare and Issue | 17FEB99 | 30JUL99 | 4 |
| R5151M1 | | 0 | 0 | 0 | | | Publish Draft EIS | | 30JUL99 | 675 |
| ..NE1042 | * | 25 | 25 | 0 | PR FF | 0 | ROD Prepare and Issue | 28AUG00 | 29SEP00 | 171 |
| R5171M0 | | 0 | 0 | 0 | | | Publish FEIS Record of Decision | | 29SEP00 | 370 |
| ..LA420M2 | | 0 | 0 | 0 | PR | | Request Comments on Sufficiency of Site Char. | | 16APR99 | 554 |
| ..LA800 | | 89 | 89 | 0 | PR | | DOE Draft License Application Review | 8SEP00 | 10JAN01 | 43 |
| ..SR805MX | * | 0 | 0 | 0 | PR FS | 66 | Site Designation is Effective | | 29NOV01 | 0 |
| R5181M1 | | 0 | 0 | 0 | | | Complete License Application | | 1MAR02 | 0 |
| ..IN01Z | * | 0 | 0 | 0 | SU FF | 0 | Infrastructure Finish | | 1MAR02 | 0 |
| ..R5182M0 | | 0 | 0 | 0 | SU | | Submit License Application to NRC | | 1MAR02* | 0 |
| ..IS201 | | 261 | 261 | 0 | PR | | NRC Certifies LSS | 2NOV98 | 1NOV99 | 609 |
| ..R5181M1 | | 0 | 0 | 0 | PR | | Complete License Application | | 1MAR02 | 0 |
| ..SR805MX | | 0 | 0 | 0 | PR FS | 66 | Site Designation is Effective | | 29NOV01 | 0 |
| R5182M0 | | 0 | 0 | 0 | | | Submit License Application to NRC | | 1MAR02* | 0 |
| ..R5220M0 | * | 0 | 0 | 0 | PR FS | 22 | Secretary Notifies State of Site Selection | | 27JUN01 | 0 |
| R5200M0 | | 0 | 0 | 0 | | | Secretary Issue SR to President | | 27JUL01 | 0 |
| ..SR800X | * | 24 | 24 | 0 | SU FS | 22 | Pres Recommends SR to Congress | 29AUG01 | 1OCT01 | 0 |
| ..SR455 | * | 307 | 307 | 0 | PR | | Prepare Supporting Documentation for SR | 21JUL99 | 21SEP00 | 0 |
| R5210M1 | | 0 | 0 | 0 | | | Secretary Publishes Notice of Consideration | | 21SEP00 | 0 |
| ..SR440 | * | 66 | 66 | 0 | SU | | Prepare for Consideration Hearings | 22SEP00 | 22DEC00 | 0 |
| ..NE1042 | | 25 | 25 | 0 | PR FS | 22 | ROD Prepare and Issue | 28AUG00 | 29SEP00 | 171 |
| ..SR459 | * | 0 | 0 | 0 | PR FS | 22 | OCRWM Submits Proposed SR to Secretary | | 25MAY01 | 0 |
| R5220M0 | | 0 | 0 | 0 | | | Secretary Notifies State of Site Selection | | 27JUN01 | 0 |
| ..R5200M0 | * | 0 | 0 | 0 | SU FS | 22 | Secretary Issue SR to President | | 27JUL01 | 0 |
| ..IS195 | * | 131 | 131 | 0 | PR | | LSS Installation and Test (M90) | 2NOV98 | 3MAY99 | 494 |
| R9894M1 | | 0 | 0 | 0 | | | LSSARP Acceptance | | 3MAY99 | 494 |
| ..IS141 | * | 245 | 245 | 0 | SU | | LSS Operations | 4MAY99 | 10APR00 | 494 |
| ..IS201 | | 261 | 261 | 0 | SU FF | 0 | NRC Certifies LSS | 2NOV98 | 1NOV99 | 609 |
| ..SE050 | | 261 | 261 | 0 | PR FF | 131 | Performance Confirmation Concepts | 2OCT95 | 30SEP96 | 71 |
| ..SE200 | | 130 | 130 | 0 | PR FF | 108 | Perform Waste Qty, Mix, and Throughput Study | 2OCT96* | 1APR97 | 21 |
| ..SE300 | | 333 | 333 | 0 | PR FF | 131 | Thermal Management Study | 2OCT95 | 8JAN97 | 57 |
| ..SE306 | | 134 | 134 | 0 | PR FF | 0 | Write PISA Ch 11 - Conduct of Operations | 1OCT96 | 4APR97 | 71 |
| ..SE310 | | 311 | 311 | 0 | PR FF | 131 | DBA/DBE Definition & Analyses | 2OCT95 | 9DEC96 | 79 |
| ..SE350 | | 259 | 259 | 0 | PR FF | 131 | Backfill Evaluation & Determination | 2OCT95 | 26SEP96 | 131 |
| ..ST2.3A | | 261 | 261 | 0 | PR FF | 0 | Structural/Stratigraphic Data Collection | 2OCT95 | 30SEP96 | 169 |
| ..ST2.4A | | 380 | 380 | 0 | PR FF | 0 | Hydrologic Data Collection | 2OCT95 | 14MAR97 | 121 |
| RP020 | | 521 | 521 | 0 | | | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |

Schedule Report - Detailed Precedence Analysis

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..MG010 | * | 195 | 195 | 0 | SU | | Write Design/Operations PISA CH. 3,4,5,6,9,11 | 30SEP97 | 29JUN98 | 126 |
| ..MG050 | * | 61 | 61 | 0 | SU SS | 460 | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..MG120M2 | * | 0 | 0 | 0 | SU | | Complete MGDS Design - Phase I | | 29SEP97 | 82 |
| ..NE1017M3 | * | 0 | 0 | 0 | SU | | Receipt of Design/Con-Ops Data | | 29SEP97 | 0 |
| ..NE1045 | * | 130 | 130 | 0 | SU | | Write PISA Ch. 10, Radiation Protection | 30SEP97 | 8APR98 | 913 |
| ..NE5024 | | 44 | 44 | 0 | SU | | PISA/PDEIS Variance Analysis | 2SEP98 | 2NOV98 | 80 |
| ..RP070A | | 475 | 475 | 0 | SU | | Surface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..SEOPQM2 | | 0 | 0 | 0 | SU | | Complete Criticality/Burnup Credit Study | | 30SEP97 | 1153 |
| ..SERSTM2 | | 0 | 0 | 0 | SU | | Complete Retrievability Study - VA | | 14APR98 | 1013 |
| ..SEUVWM2 | | 0 | 0 | 0 | SU | | Complete Safeguards and Security Rqmnts Study | | 8APR98 | 1017 |
| ..SR300 | | 260 | 260 | 0 | SU FF | 0 | License Application Plan | 3OCT96* | 1OCT97 | 108 |
| ..MG050 | | 61 | 61 | 0 | PR | | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..NE1025 | * | 118 | 118 | 0 | PR FF | 0 | DEIS Prepare and Issue | 17FEB99 | 30JUL99 | 4 |
| ..RP020 | | 521 | 521 | 0 | PR | | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..SE320 | | 569 | 569 | 0 | PR FF | 0 | Classification Analysis/Q-List Update | 2OCT95 | 4DEC97 | 173 |
| ..SEGHIM2 | | 0 | 0 | 0 | PR | | Complete Waste Qty, Mix, and Throughput Study | | 1APR97 | 104 |
| ..SERST | | 131 | 131 | 0 | PR FF | 260 | Perform Retrievability Study - VA | 14OCT97 | 14APR98 | 82 |
| ..SEUVW | | 127 | 127 | 0 | PR FF | 260 | Perform Safeguards and Security Rqmnts Study | 14OCT97 | 8APR98 | 86 |
| ..SR300 | | 260 | 260 | 0 | PR FF | 0 | License Application Plan | 3OCT96* | 1OCT97 | 108 |
| RP070A | | 475 | 475 | 0 | | | Surface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..MG060 | * | 66 | 66 | 0 | SU FF | 0 | MGDS Design Phase II Review | 30APR99 | 30JUL99 | 127 |
| ..MG170AM2 | | 0 | 0 | 0 | SU | | Complete MGDS Design - Phase II | | 6AUG99 | 670 |
| ..NE1039 | | 73 | 73 | 0 | SU | | PFEIS Prepare and Issue | 1FEB00 | 11MAY00 | 171 |
| ..RP080 | | 642 | 642 | 0 | SU | | Surface Design Phase III | 9AUG99 | 1MAR02 | 0 |
| ..SE124 | * | 132 | 132 | 0 | SU SS | 100 | Prepare MGDS Cost Estimate | 23FEB98 | 25AUG98 | 4 |
| ..MG070M | * | 0 | 0 | 0 | PR SS | 0 | Start MGDS Design - Phase III | 9AUG99 | | 670 |
| ..RP070A | | 475 | 475 | 0 | PR | | Surface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| RP080 | | 642* | 642* | 0 | | | Surface Design Phase III | 9AUG99 | 1MAR02 | 0 |
| ..IN01Z | * | 0 | 0 | 0 | SU FF | 0 | Infrastructure Finish | | 1MAR02 | 0 |
| ..MG070 | * | 66 | 66 | 0 | SU FF | 0 | MGDS Design Phase III Review | 27NOV01 | 1MAR02 | 0 |
| ..SE050 | | 261 | 261 | 0 | PR FF | 131 | Performance Confirmation Concepts | 2OCT95 | 30SEP96 | 71 |
| ..SE200 | | 130 | 130 | 0 | PR FF | 108 | Perform Waste Qty, Mix, and Throughput Study | 2OCT96* | 1APR97 | 21 |
| ..SE300 | | 333 | 333 | 0 | PR FF | 131 | Thermal Management Study | 2OCT95 | 8JAN97 | 57 |
| ..SE306 | | 134 | 134 | 0 | PR FF | 0 | Write PISA Ch 11 - Conduct of Operations | 1OCT96 | 4APR97 | 71 |
| ..SE310 | | 311 | 311 | 0 | PR FF | 131 | DBA/DBE Definition & Analyses | 2OCT95 | 9DEC96 | 79 |
| ..SE350 | | 259 | 259 | 0 | PR FF | 131 | Backfill Evaluation & Determination | 2OCT95 | 26SEP96 | 131 |
| ..ST2.3A | | 261 | 261 | 0 | PR FF | 0 | Structural/Stratigraphic Data Collection | 2OCT95 | 30SEP96 | 169 |
| ..ST2.4A | | 380 | 380 | 0 | PR FF | 0 | Hydrologic Data Collection | 2OCT95 | 14MAR97 | 121 |
| ..ST2.5A | | 440 | 440 | 0 | PR FF | 0 | Mineralogy/Petrology/Geochemical Data Collection | 2OCT95 | 6JUN97 | 31 |
| ..ST2.7A | | 501 | 501 | 0 | PR FF | 0 | Near Field Data Collection | 2OCT95 | 1SEP97 | 20 |
| ..XRP500 | | 253 | 253 | 0 | PR FF | 0 | Identify Emplacement Drift Materials | 13MAR96* | 14MAR97 | 138 |
| ..XRP502 | | 292 | 292 | 0 | PR FF | 0 | Develop WP Handling Concept | 1FEB96* | 31MAR97 | 127 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ..XRP504 | | 309 | 309 | 0 | PR | FF | 0 | Develop Retrieval Strategy | 10JUN96* | 29AUG97 | 20 |
| ..XRP506 | | 136 | 136 | 0 | PR | FF | 0 | Develop drift stability approach | 10JUN96* | 24DEC96 | 193 |
| ..XRP510 | | 287 | 287 | 0 | PR | FF | 22 | Determine Near field Environment Impacts | 10JUN96* | 30JUL97 | 20 |
| RP120 | | 521 | 521 | 0 | | | | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..MG010 | * | 195 | 195 | 0 | SU | | | Write Design/Operations PISA CH. 3,4,5,6,9,11 | 30SEP97 | 29JUN98 | 126 |
| ..MG050 | * | 61 | 61 | 0 | SU | SS | 460 | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..MG120M2 | * | 0 | 0 | 0 | SU | | | Complete MGDS Design - Phase I | | 29SEP97 | 82 |
| ..NE1017M3 | * | 0 | 0 | 0 | SU | | | Receipt of Design/Con-Ops Data | | 29SEP97 | 0 |
| ..NE1045 | * | 130 | 130 | 0 | SU | | | Write PISA Ch. 10, Radiation Protection | 30SEP97 | 8APR98 | 913 |
| ..NE5024 | | 44 | 44 | 0 | SU | | | PISA/PDEIS Variance Analysis | 2SEP98 | 2NOV98 | 80 |
| ..RP170A | | 475 | 475 | 0 | SU | | | Subsurface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..SEOPQM2 | | 0 | 0 | 0 | SU | | | Complete Criticality/Burnup Credit Study | | 30SEP97 | 1153 |
| ..SERSTM2 | | 0 | 0 | 0 | SU | | | Complete Retrievability Study - VA | | 14APR98 | 1013 |
| ..SEUVWM2 | | 0 | 0 | 0 | SU | | | Complete Safeguards and Security Rqmnts Study | | 8APR98 | 1017 |
| ..SR205 | | 88 | 88 | 0 | SU | | | Prepare Draft 10CFR960 Compliance Report | 17DEC98 | 19APR99 | 0 |
| ..SR300 | | 260 | 260 | 0 | SU | FF | 0 | License Application Plan | 3OCT96* | 1OCT97 | 108 |
| ..MG050 | | 61 | 61 | 0 | PR | | | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..NE1025 | * | 118 | 118 | 0 | PR | FF | 0 | DEIS Prepare and Issue | 17FEB99 | 30JUL99 | 4 |
| ..RP120 | | 521 | 521 | 0 | PR | | | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..SE320 | | 569 | 569 | 0 | PR | FF | 0 | Classification Analysis/Q-List Update | 2OCT95 | 4DEC97 | 173 |
| ..SEGHIM2 | | 0 | 0 | 0 | PR | | | Complete Waste Qty, Mix, and Throughput Study | | 1APR97 | 104 |
| ..SERST | | 131 | 131 | 0 | PR | FF | 260 | Perform Retrievability Study - VA | 14OCT97 | 14APR98 | 82 |
| ..SEUVW | | 127 | 127 | 0 | PR | FF | 260 | Perform Safeguards and Security Rqmnts Study | 14OCT97 | 8APR98 | 86 |
| ..SR300 | | 260 | 260 | 0 | PR | FF | 0 | License Application Plan | 3OCT96* | 1OCT97 | 108 |
| RP170A | | 475 | 475 | 0 | | | | Subsurface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..MG060 | * | 66 | 66 | 0 | SU | FF | 0 | MGDS Design Phase II Review | 30APR99 | 30JUL99 | 127 |
| ..MG170AM2 | | 0 | 0 | 0 | SU | | | Complete MGDS Design - Phase II | | 6AUG99 | 670 |
| ..NE1039 | | 73 | 73 | 0 | SU | | | PFEIS Prepare and Issue | 1FEB00 | 11MAY00 | 171 |
| ..RP180 | | 642 | 642 | 0 | SU | | | Subsurface Design Phase III | 9AUG99 | 1MAR02 | 0 |
| ..SE124 | * | 132 | 132 | 0 | SU | SS | 100 | Prepare MGDS Cost Estimate | 23FEB98 | 25AUG98 | 4 |
| ..MG070M | * | 0 | 0 | 0 | PR | SS | 0 | Start MGDS Design - Phase III | 9AUG99 | | 670 |
| ..RP170A | | 475 | 475 | 0 | PR | | | Subsurface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| RP180 | | 642* | 642* | 0 | | | | Subsurface Design Phase III | 9AUG99 | 1MAR02 | 0 |
| ..IN01Z | * | 0 | 0 | 0 | SU | FF | 0 | Infrastructure Finish | | 1MAR02 | 0 |
| ..XRP2215 | * | 395 | 395 | 0 | PR | FF | 0 | Prepare Thermal Mgmt Technical Report | 2SEP97* | 31MAR99 | 732 |
| RP2215M2 | | 0 | 0 | 0 | | | | Prepare Thermal Mgmt Technical Report | | 31MAR99 | 732 |
| SE010 | | 110 | 110 | 0 | | | | System Design SRA | 2OCT95 | 1MAR96 | 28 |
| ..SE085 | * | 391 | 391 | 0 | SU | | | MGDS Design SRA - Phase 1 | 4MAR96 | 1SEP97 | 28 |
| ..SE306 | | 134 | 134 | 0 | SU | | | Write PISA Ch 11 - Conduct of Operations | 1OCT96 | 4APR97 | 71 |

Schedule Report - Detailed Precedence Analysis

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| SE050 | | 261 | 261 | 0 | | | Performance Confirmation Concepts | 2OCT95 | 30SEP96 | 71 |
| ..MG050 | | 61 | 61 | 0 | SU | | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..RP020 | | 521 | 521 | 0 | SU FF | 131 | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..RP120 | | 521 | 521 | 0 | SU FF | 131 | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..SE085 | | 391 | 391 | 0 | SU FF | 44 | MGDS Design SRA - Phase 1 | 4MAR96 | 1SEP97 | 28 |
| ..SE306 | * | 134 | 134 | 0 | SU | | Write PISA Ch 11 - Conduct of Operations | 1OCT96 | 4APR97 | 71 |
| ..SEMNO | | 90 | 90 | 0 | SU | | Prepare LA Test and Evaluation Plan | 23MAR99 | 26JUL99 | 273 |
| ..WP050A | | 521 | 521 | 0 | SU FF | 131 | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..SE010 | * | 110 | 110 | 0 | PR | | System Design SRA | 2OCT95 | 1MAR96 | 28 |
| ..SE050 | | 261 | 261 | 0 | PR FF | 44 | Performance Confirmation Concepts | 2OCT95 | 30SEP96 | 71 |
| ..SE300 | | 333 | 333 | 0 | PR FF | 44 | Thermal Management Study | 2OCT95 | 8JAN97 | 57 |
| ..SE306 | | 134 | 134 | 0 | PR FF | 0 | Write PISA Ch 11 - Conduct of Operations | 1OCT96 | 4APR97 | 71 |
| ..SE310 | | 311 | 311 | 0 | PR FF | 44 | DBA/DBE Definition & Analyses | 2OCT95 | 9DEC96 | 79 |
| ..SE350 | | 259 | 259 | 0 | PR FF | 44 | Backfill Evaluation & Determination | 2OCT95 | 26SEP96 | 131 |
| SE085 | | 391 | 391 | 0 | | | MGDS Design SRA - Phase 1 | 4MAR96 | 1SEP97 | 28 |
| ..LA200 | | 211 | 211 | 0 | SU | | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..MG050 | | 61 | 61 | 0 | SU SS | 327 | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..SE125A | | 475 | 475 | 0 | SU | | MGDS Design SRA - Ph II | 30SEP97 | 26JUL99 | 8 |
| ..MG050 | | 61 | 61 | 0 | PR | | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..RP070A | * | 475 | 475 | 0 | PR SS | 100 | Surface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..RP170A | * | 475 | 475 | 0 | PR SS | 100 | Subsurface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..SE125A | | 475 | 475 | 0 | PR SS | 100 | MGDS Design SRA - Ph II | 30SEP97 | 26JUL99 | 8 |
| ..SE306 | | 134 | 134 | 0 | PR | | Write PISA Ch 11 - Conduct of Operations | 1OCT96 | 4APR97 | 71 |
| ..SE320 | | 569 | 569 | 0 | PR FF | 0 | Classification Analysis/Q-List Update | 2OCT95 | 4DEC97 | 173 |
| ..WP050 | * | 475 | 475 | 0 | PR SS | 100 | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| SE124 | | 132 | 132 | 0 | | | Prepare MGDS Cost Estimate | 23FEB98 | 25AUG98 | 4 |
| ..MG060 | | 66 | 66 | 0 | SU | | MGDS Design Phase II Review | 30APR99 | 30JUL99 | 127 |
| ..SE124M2 | * | 0 | 0 | 0 | SU | | Submit MGDS Cost Estimate to OCRWM | | 25AUG98 | 918 |
| ..SR205 | | 88 | 88 | 0 | SU | | Prepare Draft 10CFR960 Compliance Report | 17DEC98 | 19APR99 | 0 |
| ..SR400M2 | | 0 | 0 | 0 | SU | | YMSCO Accepts Viability Assessment | | 28AUG98 | 1 |
| ..SE124 | * | 132 | 132 | 0 | PR | | Prepare MGDS Cost Estimate | 23FEB98 | 25AUG98 | 4 |
| SE124M2 | | 0 | 0 | 0 | | | Submit MGDS Cost Estimate to OCRWM | | 25AUG98 | 918 |
| ..MG050 | * | 61 | 61 | 0 | PR | | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..SE085 | | 391 | 391 | 0 | PR | | MGDS Design SRA - Phase 1 | 4MAR96 | 1SEP97 | 28 |
| ..SE320 | | 569 | 569 | 0 | PR FF | 0 | Classification Analysis/Q-List Update | 2OCT95 | 4DEC97 | 173 |
| ..SR300 | | 260 | 260 | 0 | PR FF | 0 | License Application Plan | 3OCT96* | 1OCT97 | 108 |
| SE125A | | 475 | 475 | 0 | | | MGDS Design SRA - Ph II | 30SEP97 | 26JUL99 | 8 |
| ..MG060 | | 66 | 66 | 0 | SU FF | 0 | MGDS Design Phase II Review | 30APR99 | 30JUL99 | 127 |
| ..SE124 | | 132 | 132 | 0 | SU SS | 100 | Prepare MGDS Cost Estimate | 23FEB98 | 25AUG98 | 4 |
| ..SE126 | * | 459 | 459 | 0 | SU | | MGDS Design SRA - 3 | 27JUL99 | 27APR01 | 220 |
| ..SEMNO | * | 90 | 90 | 0 | SU FF | 0 | Prepare LA Test and Evaluation Plan | 23MAR99 | 26JUL99 | 273 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ..SE125A | * | 475 | 475 | 0 | PR | | | MGDS Design SRA - Ph II | 30SEP97 | 26JUL99 | 8 |
| SE126 | | 459 | 459 | 0 | | | | MGDS Design SRA - 3 | 27JUL99 | 27APR01 | 220 |
| ..MG070 | | 66 | 66 | 0 | SU FF | | 0 | MGDS Design Phase III Review | 27NOV01 | 1MAR02 | 0 |
| SE200 | | 130 | 130 | 0 | | | | Perform Waste Qty, Mix, and Throughput Study | 20CT96* | 1APR97 | 21 |
| ..RP020 | | 521 | 521 | 0 | SU FF | | 108 | Surface Design - Phase I | 20CT95 | 29SEP97 | 0 |
| ..RP120 | | 521 | 521 | 0 | SU FF | | 108 | Subsurface Design - Phase I | 20CT95 | 29SEP97 | 0 |
| ..SEGHIM2 | * | 0 | 0 | 0 | SU | | | Complete Waste Qty, Mix, and Throughput Study | | 1APR97 | 104 |
| ..WP050A | | 521 | 521 | 0 | SU FF | | 108 | EBS Design - Phase I | 20CT95 | 29SEP97 | 0 |
| SE300 | | 333 | 333 | 0 | | | | Thermal Management Study | 20CT95 | 8JAN97 | 57 |
| ..MG050 | | 61 | 61 | 0 | SU | | | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..RP020 | | 521 | 521 | 0 | SU FF | | 131 | Surface Design - Phase I | 20CT95 | 29SEP97 | 0 |
| ..RP120 | | 521 | 521 | 0 | SU FF | | 131 | Subsurface Design - Phase I | 20CT95 | 29SEP97 | 0 |
| ..SE085 | | 391 | 391 | 0 | SU FF | | 44 | MGDS Design SRA - Phase 1 | 4MAR96 | 1SEP97 | 28 |
| ..WP050A | | 521 | 521 | 0 | SU FF | | 131 | EBS Design - Phase I | 20CT95 | 29SEP97 | 0 |
| ..SE010 | | 110 | 110 | 0 | PR | | | System Design SRA | 20CT95 | 1MAR96 | 28 |
| ..SE050 | * | 261 | 261 | 0 | PR | | | Performance Confirmation Concepts | 20CT95 | 30SEP96 | 71 |
| ..SE310 | | 311 | 311 | 0 | PR FF | | 44 | DBA/DBE Definition & Analyses | 20CT95 | 9DEC96 | 79 |
| SE306 | | 134 | 134 | 0 | | | | Write PISA Ch 11 - Conduct of Operations | 1OCT96 | 4APR97 | 71 |
| ..LA200 | | 211 | 211 | 0 | SU | | | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..MG050 | | 61 | 61 | 0 | SU | | | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..NE1017M3 | | 0 | 0 | 0 | SU | | | Receipt of Design/Con-Ops Data | | 29SEP97 | 0 |
| ..RP020 | | 521 | 521 | 0 | SU FF | | 0 | Surface Design - Phase I | 20CT95 | 29SEP97 | 0 |
| ..RP120 | | 521 | 521 | 0 | SU FF | | 0 | Subsurface Design - Phase I | 20CT95 | 29SEP97 | 0 |
| ..SE085 | | 391 | 391 | 0 | SU FF | | 0 | MGDS Design SRA - Phase 1 | 4MAR96 | 1SEP97 | 28 |
| ..SE124 | | 132 | 132 | 0 | SU | | | Prepare MGDS Cost Estimate | 23FEB98 | 25AUG98 | 4 |
| ..SE306M2 | * | 0 | 0 | 0 | SU | | | Complete Chapter 11 PISA | | 4APR97 | 447 |
| ..SE320 | | 569 | 569 | 0 | SU FF | | 0 | Classification Analysis/Q-List Update | 20CT95 | 4DEC97 | 173 |
| ..SE306 | * | 134 | 134 | 0 | PR | | | Write PISA Ch 11 - Conduct of Operations | 1OCT96 | 4APR97 | 71 |
| SE306M2 | | 0 | 0 | 0 | | | | Complete Chapter 11 PISA | | 4APR97 | 447 |
| ..LA200M2 | | 0 | 0 | 0 | SU | | | YMSCO Cmpl. Project Integrated Safety Assessment | | 21AUG98 | 87 |
| SE310 | | 311 | 311 | 0 | | | | DBA/DBE Definition & Analyses | 20CT95 | 9DEC96 | 79 |
| ..MG050 | | 61 | 61 | 0 | SU | | | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..PA164 | | 265 | 265 | 0 | SU FF | | 0 | Preclosure PA-VA/PISA Ch. 7 | 18AUG97 | 21AUG98 | 6 |
| ..RP020 | | 521 | 521 | 0 | SU FF | | 131 | Surface Design - Phase I | 20CT95 | 29SEP97 | 0 |
| ..RP120 | | 521 | 521 | 0 | SU FF | | 131 | Subsurface Design - Phase I | 20CT95 | 29SEP97 | 0 |
| ..SE085 | | 391 | 391 | 0 | SU FF | | 44 | MGDS Design SRA - Phase 1 | 4MAR96 | 1SEP97 | 28 |
| ..SE306 | | 134 | 134 | 0 | SU FF | | 44 | Write PISA Ch 11 - Conduct of Operations | 1OCT96 | 4APR97 | 71 |
| ..WP050A | | 521 | 521 | 0 | SU FF | | 131 | EBS Design - Phase I | 20CT95 | 29SEP97 | 0 |

| ACTIVITY ID | ORIG DUR | REM DUR | % | | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..MG050 | 61 | 61 | 0 | PR | FF | 0 | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..SE306 | 134 | 134 | 0 | PR | FF | 0 | Write PISA Ch 11 - Conduct of Operations | 1OCT96 | 4APR97 | 71 |
| SE320 | 569 | 569 | 0 | | | | Classification Analysis/Q-List Update | 2OCT95 | 4DEC97 | 173 |
| ..LA200 | 211 | 211 | 0 | SU | FF | 100 | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..RP070A | 475 | 475 | 0 | SU | FF | 0 | Surface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..RP170A | 475 | 475 | 0 | SU | FF | 0 | Subsurface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..SE124 | 132 | 132 | 0 | SU | FF | 0 | Prepare MGDS Cost Estimate | 23FEB98 | 25AUG98 | 4 |
| ..SE125A | 475 | 475 | 0 | SU | FF | 0 | MGDS Design SRA - Ph II | 30SEP97 | 26JUL99 | 8 |
| ..SE322 * | 886 | 886 | 0 | SU | | | Classification Analysis/Q-List Update - 2 | 5DEC97 | 27APR01 | 220 |
| ..SE320 * | 569 | 569 | 0 | PR | | | Classification Analysis/Q-List Update | 2OCT95 | 4DEC97 | 173 |
| SE322 | 886 | 886 | 0 | | | | Classification Analysis/Q-List Update - 2 | 5DEC97 | 27APR01 | 220 |
| ..MG070 | 66 | 66 | 0 | SU | FF | 0 | MGDS Design Phase III Review | 27NOV01 | 1MAR02 | 0 |
| SE350 | 259 | 259 | 0 | | | | Backfill Evaluation & Determination | 2OCT95 | 26SEP96 | 131 |
| ..MG050 | 61 | 61 | 0 | SU | | | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..RP020 | 521 | 521 | 0 | SU | FF | 131 | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..RP120 | 521 | 521 | 0 | SU | FF | 131 | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..SE085 | 391 | 391 | 0 | SU | FF | 44 | MGDS Design SRA - Phase 1 | 4MAR96 | 1SEP97 | 28 |
| ..SE350M2 * | 0 | 0 | 0 | SU | | | Complete Backfill Evaluation & Determination | | 26SEP96 | 1416 |
| ..WP050A | 521 | 521 | 0 | SU | FF | 131 | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..SE350 * | 259 | 259 | 0 | PR | | | Backfill Evaluation & Determination | 2OCT95 | 26SEP96 | 131 |
| SE350M2 | 0 | 0 | 0 | | | | Complete Backfill Evaluation & Determination | | 26SEP96 | 1416 |
| ..SE200 * | 130 | 130 | 0 | PR | | | Perform Waste Qty, Mix, and Throughput Study | 2OCT96* | 1APR97 | 21 |
| SEGHIM2 | 0 | 0 | 0 | | | | Complete Waste Qty, Mix, and Throughput Study | | 1APR97 | 104 |
| ..PA230 | 265 | 265 | 0 | SU | | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..RP070A | 475 | 475 | 0 | SU | | | Surface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..RP170A | 475 | 475 | 0 | SU | | | Subsurface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..WP050 | 475 | 475 | 0 | SU | | | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..SE050 | 261 | 261 | 0 | PR | | | Performance Confirmation Concepts | 2OCT95 | 30SEP96 | 71 |
| ..SE125A * | 475 | 475 | 0 | PR | FF | 0 | MGDS Design SRA - Ph II | 30SEP97 | 26JUL99 | 8 |
| SEMNO | 90 | 90 | 0 | | | | Prepare LA Test and Evaluation Plan | 23MAR99 | 26JUL99 | 273 |
| ..LA360 | 284 | 284 | 0 | SU | FF | 0 | Prepare Draft License Application | 12MAY99 | 12JUN00 | 43 |
| ..SEMNOM2 * | 0 | 0 | 0 | SU | | | Submit LA Test and Evaluation Plan to OCRWM | | 26JUL99 | 679 |
| ..SEMNO * | 90 | 90 | 0 | PR | | | Prepare LA Test and Evaluation Plan | 23MAR99 | 26JUL99 | 273 |
| SEMNOM2 | 0 | 0 | 0 | | | | Submit LA Test and Evaluation Plan to OCRWM | | 26JUL99 | 679 |
| SEOPQ | 131 | 131 | 0 | | | | Perform Criticality/Burnup Credit Study | 1APR97* | 30SEP97 | 153 |
| ..SEOPQM2 * | 0 | 0 | 0 | SU | | | Complete Criticality/Burnup Credit Study | | 30SEP97 | 1153 |
| ..WP150 | 267 | 267 | 0 | SU | FF | 0 | Develop Criticality Control Topical Report | 1OCT96 | 8OCT97 | 147 |

| ACTIVITY ID | ORIG DUR | REM DUR | % | | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..RP020 | 521 | 521 | 0 | PR | | | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..RP120 | 521 | 521 | 0 | PR | | | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..SEOPQ * | 131 | 131 | 0 | PR | | | Perform Criticality/Burnup Credit Study | 1APR97* | 30SEP97 | 153 |
| ..WP050A | 521 | 521 | 0 | PR | | | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| SEOPQM2 | 0 | 0 | 0 | | | | Complete Criticality/Burnup Credit Study | | 30SEP97 | 1153 |
| ..MG120M2 * | 0 | 0 | 0 | PR | FS | 10 | Complete MGDS Design - Phase I | | 29SEP97 | 82 |
| ..WP050A | 521 | 521 | 0 | PR | | | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| SERST | 131 | 131 | 0 | | | | Perform Retrievability Study - VA | 14OCT97 | 14APR98 | 82 |
| ..LA360 | 284 | 284 | 0 | SU | | | Prepare Draft License Application | 12MAY99 | 12JUN00 | 43 |
| ..RP070A | 475 | 475 | 0 | SU | FF | 260 | Surface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..RP170A | 475 | 475 | 0 | SU | FF | 260 | Subsurface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..SERSTM2 * | 0 | 0 | 0 | SU | | | Complete Retrievability Study - VA | | 14APR98 | 1013 |
| ..WP050 | 475 | 475 | 0 | SU | FF | 260 | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..RP020 | 521 | 521 | 0 | PR | | | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..RP120 | 521 | 521 | 0 | PR | | | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..SERST * | 131 | 131 | 0 | PR | | | Perform Retrievability Study - VA | 14OCT97 | 14APR98 | 82 |
| ..WP050A | 521 | 521 | 0 | PR | | | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| SERSTM2 | 0 | 0 | 0 | | | | Complete Retrievability Study - VA | | 14APR98 | 1013 |
| ..MG120M2 * | 0 | 0 | 0 | PR | FS | 10 | Complete MGDS Design - Phase I | | 29SEP97 | 82 |
| SEUVW | 127 | 127 | 0 | | | | Perform Safeguards and Security Rqmnts Study | 14OCT97 | 8APR98 | 86 |
| ..LA360 | 284 | 284 | 0 | SU | | | Prepare Draft License Application | 12MAY99 | 12JUN00 | 43 |
| ..RP070A | 475 | 475 | 0 | SU | FF | 260 | Surface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..RP170A | 475 | 475 | 0 | SU | FF | 260 | Subsurface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..SEUVWM2 * | 0 | 0 | 0 | SU | | | Complete Safeguards and Security Rqmnts Study | | 8APR98 | 1017 |
| ..RP020 | 521 | 521 | 0 | PR | | | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..RP120 | 521 | 521 | 0 | PR | | | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..SEUVW * | 127 | 127 | 0 | PR | | | Perform Safeguards and Security Rqmnts Study | 14OCT97 | 8APR98 | 86 |
| SEUVWM2 | 0 | 0 | 0 | | | | Complete Safeguards and Security Rqmnts Study | | 8APR98 | 1017 |
| ..NE1010 * | 88 | 88 | 0 | PR | | | Identify and Eval existing data for NEPA | 1OCT96* | 30JAN97 | 1 |
| SEXYZ | 171 | 171 | 0 | | | | Regional Transportation Data Collection | 31JAN97 | 26SEP97 | 1 |
| ..NE1015M3 | 0 | 0 | 0 | SU | | | Receipt of Affected Environment Data | | 30SEP97* | 44 |
| ..NE1250 | 120 | 120 | 0 | SU | | | Preliminary Impacts Assessment | 30SEP97 | 16MAR98 | 0 |
| ..SEXYZM2 * | 0 | 0 | 0 | SU | | | Complete Regional Transportation Data Collection | | 26SEP97 | 1155 |
| ..SEXYZ * | 171 | 171 | 0 | PR | | | Regional Transportation Data Collection | 31JAN97 | 26SEP97 | 1 |
| SEXYZM2 | 0 | 0 | 0 | | | | Complete Regional Transportation Data Collection | | 26SEP97 | 1155 |
| ..LA200 | 211 | 211 | 0 | PR | SS | 0 | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..MG050 | 61 | 61 | 0 | PR | | | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..NE5001 * | 120 | 120 | 0 | PR | FF | 44 | Prepare PDEIS | 2SEP98 | 16FEB99 | 0 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..PA164 | | 265 | 265 | 0 | PR | | Preclosure PA-VA/PISA Ch. 7 | 18AUG97 | 21AUG98 | 6 |
| ..PA230 | | 265 | 265 | 0 | PR | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..RP120 | | 521 | 521 | 0 | PR | | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..SE124 | | 132 | 132 | 0 | PR | | Prepare MGDS Cost Estimate | 23FEB98 | 25AUG98 | 4 |
| ..SR400M1 | | 0 | 0 | 0 | PR | | OCRWM Accepts Viability Assessment | | 4SEP98 | 1 |
| ..WP050A | | 521 | 521 | 0 | PR | | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| SR205 | | 88 | 88 | 0 | | | Prepare Draft 10CFR960 Compliance Report | 17DEC98 | 19APR99 | 0 |
| ..SR445 | * | 130 | 130 | 0 | SU | | Prepare Adminstrative record for SR | 20APR99 | 22OCT99 | 0 |
| ..SR506 | * | 66 | 66 | 0 | SU | | Finalize 10CFR960 Compliance Report | 20APR99 | 20JUL99 | 0 |
| ..PA230 | | 265 | 265 | 0 | PR | FF 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR520 | | 269 | 269 | 0 | PR | SS 0 | Site/Design Process Model Review/PR Intrm Rprt | 17JUN97* | 26JUN98 | 16 |
| ..SR540 | * | 73 | 73 | 0 | PR | | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| SR250 | | 136 | 136 | 0 | | | TSPA-VA/PR Letter Report | 20FEB98* | 28AUG98 | 1 |
| ..SR250M2 | * | 0 | 0 | 0 | SU | | Complete TSPA-VA/PR Letter Report | | 28AUG98 | 232 |
| ..SR254 | | 128 | 128 | 0 | SU | | Final Peer Review | 3SEP98* | 1MAR99 | 35 |
| ..SR254M2 | | 0 | 0 | 0 | SU | | Complete TSPA Peer Review | | 1MAR99 | 378 |
| ..SR400M2 | * | 0 | 0 | 0 | SU | | YMSCO Accepts Viability Assessment | | 28AUG98 | 1 |
| ..SR250 | * | 136 | 136 | 0 | PR | | TSPA-VA/PR Letter Report | 20FEB98* | 28AUG98 | 1 |
| SR250M2 | | 0 | 0 | 0 | | | Complete TSPA-VA/PR Letter Report | | 28AUG98 | 232 |
| ..SR506 | | 66 | 66 | 0 | SU | FF 0 | Finalize 10CFR960 Compliance Report | 20APR99 | 20JUL99 | 0 |
| ..SR520 | * | 269 | 269 | 0 | PR | FF 30 | Site/Design Process Model Review/PR Intrm Rprt | 17JUN97* | 26JUN98 | 16 |
| SR252 | | 267 | 267 | 0 | | | Implement Process Model Changes | 31JUL97 | 7AUG98 | 16 |
| ..PA230 | | 265 | 265 | 0 | SU | FF 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR254 | | 128 | 128 | 0 | SU | | Final Peer Review | 3SEP98* | 1MAR99 | 35 |
| ..ST2.4E | | 312 | 312 | 0 | SU | SS 108 | Hydrologic Confirmatory Testing | 4FEB98 | 15APR99 | 203 |
| ..ST2.5E | | 346 | 346 | 0 | SU | SS 108 | Geochemical/Transport Confirmatory Testing | 4FEB98 | 2JUN99 | 169 |
| ..ST2.7E | | 406 | 406 | 0 | SU | SS 108 | Near Field Environment Confirmatory Testing | 11FEB98 | 1SEP99 | 104 |
| ..PA230 | | 265 | 265 | 0 | PR | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR250 | | 136 | 136 | 0 | PR | | TSPA-VA/PR Letter Report | 20FEB98* | 28AUG98 | 1 |
| ..SR252 | | 267 | 267 | 0 | PR | | Implement Process Model Changes | 31JUL97 | 7AUG98 | 16 |
| ..SR520 | | 269 | 269 | 0 | PR | | Site/Design Process Model Review/PR Intrm Rprt | 17JUN97* | 26JUN98 | 16 |
| ..SR522 | | 459 | 459 | 0 | PR | | Scenario Review/PR Report | 30SEP96* | 2JUL98 | 79 |
| ..SR540 | | 73 | 73 | 0 | PR | | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| SR254 | | 128 | 128 | 0 | | | Final Peer Review | 3SEP98* | 1MAR99 | 35 |
| ..PA200 | | 260 | 260 | 0 | SU | FF 0 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..SR254M2 | * | 0 | 0 | 0 | SU | | Complete TSPA Peer Review | | 1MAR99 | 378 |
| ..SR455 | | 307 | 307 | 0 | SU | FF 0 | Prepare Supporting Documentation for SR | 21JUL99 | 21SEP00 | 0 |
| ..SR506 | | 66 | 66 | 0 | SU | | Finalize 10CFR960 Compliance Report | 20APR99 | 20JUL99 | 0 |
| ..SR250 | | 136 | 136 | 0 | PR | | TSPA-VA/PR Letter Report | 20FEB98* | 28AUG98 | 1 |
| ..SR254 | * | 128 | 128 | 0 | PR | | Final Peer Review | 3SEP98* | 1MAR99 | 35 |

| ACTIVITY ID | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|
| SR254M2 | 0 | 0 | 0 | | | Complete TSPA Peer Review | | 1MAR99 | 378 |
| ..LA360 | 284 | 284 | 0 | SU FF | 0 | Prepare Draft License Application | 12MAY99 | 12JUN00 | 43 |
| ..LA190 | 89 | 89 | 0 | PR | | Prepare PISA Management Plan | 1APR96* | 1AUG96 | 152 |
| ..RP020 | 521 | 521 | 0 | PR FF | 0 | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..RP120 | 521 | 521 | 0 | PR FF | 0 | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..WP050A | 521 | 521 | 0 | PR FF | 0 | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| SR300 | 260 | 260 | 0 | | | License Application Plan | 3OCT96* | 1OCT97 | 108 |
| ..LA200 | 211 | 211 | 0 | SU | | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..RP070A | 475 | 475 | 0 | SU FF | 0 | Surface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..RP170A | 475 | 475 | 0 | SU FF | 0 | Subsurface Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..SE125A | 475 | 475 | 0 | SU FF | 0 | MGDS Design SRA - Ph II | 30SEP97 | 26JUL99 | 8 |
| ..SR300M2 * | 0 | 0 | 0 | SU | | Complete License Application Plan | | 1OCT97 | 1152 |
| ..SR400M2 | 0 | 0 | 0 | SU | | YMSCO Accepts Viability Assessment | | 28AUG98 | 1 |
| ..SR506 | 66 | 66 | 0 | SU | | Finalize 10CFR960 Compliance Report | 20APR99 | 20JUL99 | 0 |
| ..WP050 | 475 | 475 | 0 | SU FF | 88 | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..SR300 * | 260 | 260 | 0 | PR | | License Application Plan | 3OCT96* | 1OCT97 | 108 |
| SR300M2 | 0 | 0 | 0 | | | Complete License Application Plan | | 1OCT97 | 1152 |
| ..LA190 | 89 | 89 | 0 | PR | | Prepare PISA Management Plan | 1APR96* | 1AUG96 | 152 |
| ..ST2.3D | 260 | 260 | 0 | PR FF | 0 | Synthesize Data/Write Chapter 2.3, Geologic Sys | 1OCT96 | 29SEP97 | 169 |
| ..ST2.4D | 260 | 260 | 0 | PR FF | 0 | Synthesize Data/Write Ch 2.4, Hydrologic Sys | 17MAR97 | 13MAR98 | 121 |
| ..ST2.5D | 260 | 260 | 0 | PR FF | 0 | Synthesize Data/Write Ch 2.5, Geochem Sys | 9JUN97 | 5JUN98 | 61 |
| ..ST2.6D | 260 | 260 | 0 | PR FF | 0 | Synthesize Data/Write Ch 2.6, Climatic Sys | 4MAR97 | 2MAR98 | 130 |
| ..ST2.7D | 260 | 260 | 0 | PR FF | 0 | Synthesize Data/Write Ch 2.7, Near Field Env | 10JUN97 | 8JUN98 | 60 |
| SR390 | 130 | 130 | 0 | | | Prepare Technical Record for VA | 23FEB98* | 25AUG98 | 4 |
| ..SR390M2 * | 0 | 0 | 0 | SU | | Complete Technical Record for VA | | 25AUG98 | 4 |
| ..SR400M2 | 0 | 0 | 0 | SU FF | 0 | YMSCO Accepts Viability Assessment | | 28AUG98 | 1 |
| ..SR390 * | 130 | 130 | 0 | PR | | Prepare Technical Record for VA | 23FEB98* | 25AUG98 | 4 |
| SR390M2 | 0 | 0 | 0 | | | Complete Technical Record for VA | | 25AUG98 | 4 |
| ..SR400M2 | 0 | 0 | 0 | SU | | YMSCO Accepts Viability Assessment | | 28AUG98 | 1 |
| ..SR400M2 * | 0 | 0 | 0 | PR FS | 5 | YMSCO Accepts Viability Assessment | | 28AUG98 | 1 |
| SR400M1 | 0 | 0 | 0 | | | OCRWM Accepts Viability Assessment | | 4SEP98 | 1 |
| ..SR205 | 88 | 88 | 0 | SU | | Prepare Draft 10CFR960 Compliance Report | 17DEC98 | 19APR99 | 0 |
| ..PA164 | 265 | 265 | 0 | PR | | Preclosure PA-VA/PISA Ch. 7 | 18AUG97 | 21AUG98 | 6 |
| ..PA230 | 265 | 265 | 0 | PR | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SE124 | 132 | 132 | 0 | PR | | Prepare MGDS Cost Estimate | 23FEB98 | 25AUG98 | 4 |
| ..SR250 * | 136 | 136 | 0 | PR | | TSPA-VA/PR Letter Report | 20FEB98* | 28AUG98 | 1 |
| ..SR300 | 260 | 260 | 0 | PR | | License Application Plan | 3OCT96* | 1OCT97 | 108 |
| ..SR390 | 130 | 130 | 0 | PR FF | 0 | Prepare Technical Record for VA | 23FEB98* | 25AUG98 | 4 |
| ..SR390M2 | 0 | 0 | 0 | PR | | Complete Technical Record for VA | | 25AUG98 | 4 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..SR520 | | 269 | 269 | 0 | PR | | Site/Design Process Model Review/PR Intrm Rprt | 17JUN97* | 26JUN98 | 16 |
| SR400M2 | | 0 | 0 | 0 | | | YMSCO Accepts Viability Assessment | | 28AUG98 | 1 |
| ..NE1039 | | 73 | 73 | 0 | SU | | PFEIS Prepare and Issue | 1FEB00 | 11MAY00 | 171 |
| ..SR400M1 | * | 0 | 0 | 0 | SU FS | 5 | OCRWM Accepts Viability Assessment | | 4SEP98 | 1 |
| ..SR455 | | 307 | 307 | 0 | SU | | Prepare Supporting Documentation for SR | 21JUL99 | 21SEP00 | 0 |
| ..R5210M1 | * | 0 | 0 | 0 | PR | | Secretary Publishes Notice of Consideration | | 21SEP00 | 0 |
| SR440 | | 66 | 66 | 0 | | | Prepare for Consideration Hearings | 22SEP00 | 22DEC00 | 0 |
| ..SR457 | * | 45 | 45 | 0 | SU | | Conduct Consideration Hearings | 25DEC00 | 23FEB01 | 0 |
| ..SR205 | * | 88 | 88 | 0 | PR | | Prepare Draft 10CFR960 Compliance Report | 17DEC98 | 19APR99 | 0 |
| SR445 | | 130 | 130 | 0 | | | Prepare Adminstrative record for SR | 20APR99 | 22OCT99 | 0 |
| ..SR445M2 | | 0 | 0 | 0 | SU | | Complete Administrative Record for SR | | 29SEP00 | 353 |
| ..SR455 | | 307 | 307 | 0 | SU FF | 0 | Prepare Supporting Documentation for SR | 21JUL99 | 21SEP00 | 0 |
| ..SR459 | | 0 | 0 | 0 | SU | | OCRWM Submits Proposed SR to Secretary | | 25MAY01 | 0 |
| ..LA420MX | | 0 | 0 | 0 | PR | | Sufficiency comments from NRC | | 17JAN00 | 554 |
| ..NE1042 | * | 25 | 25 | 0 | PR | | ROD Prepare and Issue | 28AUG00 | 29SEP00 | 171 |
| ..SR445 | | 130 | 130 | 0 | PR | | Prepare Adminstrative record for SR | 20APR99 | 22OCT99 | 0 |
| SR445M2 | | 0 | 0 | 0 | | | Complete Administrative Record for SR | | 29SEP00 | 353 |
| ..ES3010 | | 131 | 131 | 0 | PR FF | 0 | Excavate East-West Drift | 1OCT98 | 12APR99 | 365 |
| ..SR254 | | 128 | 128 | 0 | PR FF | 0 | Final Peer Review | 3SEP98* | 1MAR99 | 35 |
| ..SR400M2 | | 0 | 0 | 0 | PR | | YMSCO Accepts Viability Assessment | | 28AUG98 | 1 |
| ..SR445 | | 130 | 130 | 0 | PR FF | 0 | Prepare Adminstrative record for SR | 20APR99 | 22OCT99 | 0 |
| ..SR506 | * | 66 | 66 | 0 | PR | | Finalize 10CFR960 Compliance Report | 20APR99 | 20JUL99 | 0 |
| SR455 | | 307 | 307 | 0 | | | Prepare Supporting Documentation for SR | 21JUL99 | 21SEP00 | 0 |
| ..R5210M1 | * | 0 | 0 | 0 | SU | | Secretary Publishes Notice of Consideration | | 21SEP00 | 0 |
| ..SR459 | | 0 | 0 | 0 | SU | | OCRWM Submits Proposed SR to Secretary | | 25MAY01 | 0 |
| ..SR440 | * | 66 | 66 | 0 | PR | | Prepare for Consideration Hearings | 22SEP00 | 22DEC00 | 0 |
| SR457 | | 45 | 45 | 0 | | | Conduct Consideration Hearings | 25DEC00 | 23FEB01 | 0 |
| ..SR458 | * | 66 | 66 | 0 | SU | | Comment Consideration | 26FEB01 | 28MAY01 | 0 |
| ..SR457 | * | 45 | 45 | 0 | PR | | Conduct Consideration Hearings | 25DEC00 | 23FEB01 | 0 |
| SR458 | | 66 | 66 | 0 | | | Comment Consideration | 26FEB01 | 28MAY01 | 0 |
| ..SR459 | * | 0 | 0 | 0 | SU | | OCRWM Submits Proposed SR to Secretary | | 25MAY01 | 0 |
| ..NE1042 | | 25 | 25 | 0 | PR | | ROD Prepare and Issue | 28AUG00 | 29SEP00 | 171 |
| ..SR445 | | 130 | 130 | 0 | PR | | Prepare Adminstrative record for SR | 20APR99 | 22OCT99 | 0 |
| ..SR455 | | 307 | 307 | 0 | PR | | Prepare Supporting Documentation for SR | 21JUL99 | 21SEP00 | 0 |
| ..SR458 | * | 66 | 66 | 0 | PR | | Comment Consideration | 26FEB01 | 28MAY01 | 0 |
| SR459 | | 0 | 0 | 0 | | | OCRWM Submits Proposed SR to Secretary | | 25MAY01 | 0 |
| ..R5220M0 | * | 0 | 0 | 0 | SU FS | 22 | Secretary Notifies State of Site Selection | | 27JUN01 | 0 |

| ACTIVITY ID | ORIG DUR | REM DUR | % | | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| SR500 | 255 | 255 | 0 | | | | TSPA Orientation/PR Interim Report | 1JUL96* | 20JUN97 | 102 |
| ..SR500M2 * | 0 | 0 | 0 | SU | | | Cmpl TSPA Orientation/PR Interim Report | | 20JUN97 | 1225 |
| ..SR540 | 73 | 73 | 0 | SU | | | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..SR500 * | 255 | 255 | 0 | PR | | | TSPA Orientation/PR Interim Report | 1JUL96* | 20JUN97 | 102 |
| SR500M2 | 0 | 0 | 0 | | | | Cmpl TSPA Orientation/PR Interim Report | | 20JUN97 | 1225 |
| ..SR205 * | 88 | 88 | 0 | PR | | | Prepare Draft 10CFR960 Compliance Report | 17DEC98 | 19APR99 | 0 |
| ..SR250M2 | 0 | 0 | 0 | PR | FF | 0 | Complete TSPA-VA/PR Letter Report | | 28AUG98 | 232 |
| ..SR254 | 128 | 128 | 0 | PR | | | Final Peer Review | 3SEP98* | 1MAR99 | 35 |
| ..SR300 | 260 | 260 | 0 | PR | | | License Application Plan | 3OCT96* | 1OCT97 | 108 |
| SR506 | 66 | 66 | 0 | | | | Finalize 10CFR960 Compliance Report | 20APR99 | 20JUL99 | 0 |
| ..SR455 * | 307 | 307 | 0 | SU | | | Prepare Supporting Documentation for SR | 21JUL99 | 21SEP00 | 0 |
| ..SR506M2 * | 0 | 0 | 0 | SU | FF | 0 | Complete 10CFR960 Compliance Report | | 20JUL99 | 683 |
| ..SR506 * | 66 | 66 | 0 | PR | FF | 0 | Finalize 10CFR960 Compliance Report | 20APR99 | 20JUL99 | 0 |
| SR506M2 | 0 | 0 | 0 | | | | Complete 10CFR960 Compliance Report | | 20JUL99 | 683 |
| ..NE1016 | 173 | 173 | 0 | PR | SS | 0 | Gather Design/PA/Affected Environment Data | 31JAN97 | 30SEP97 | 8 |
| ..ST2.4B * | 446 | 446 | 0 | PR | | | Hydrologic Model Development | 2OCT95 | 16JUN97 | 16 |
| ..ST2.5B | 496 | 496 | 0 | PR | FF | 88 | Transport Model Development | 16OCT95 | 8SEP97 | 31 |
| ..ST2.7B | 536 | 536 | 0 | PR | FF | 32 | Near Field Environ. Model Development | 2OCT95 | 20OCT97 | 1 |
| ..WP0035M2B | 0 | 0 | 0 | PR | | | Complete WFCR Rev 1 | | 26FEB97 | 94 |
| ..WP015M2B | 0 | 0 | 0 | PR | | | Complete EMCR Rev 1 | | 26FEB97 | 94 |
| SR520 | 269 | 269 | 0 | | | | Site/Design Process Model Review/PR Intrm Rprt | 17JUN97* | 26JUN98 | 16 |
| ..PA200 | 260 | 260 | 0 | SU | | | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..PA230 | 265 | 265 | 0 | SU | FF | 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR250 | 136 | 136 | 0 | SU | SS | 0 | TSPA-VA/PR Letter Report | 20FEB98* | 28AUG98 | 1 |
| ..SR252 * | 267 | 267 | 0 | SU | FF | 30 | Implement Process Model Changes | 31JUL97 | 7AUG98 | 16 |
| ..SR254 | 128 | 128 | 0 | SU | | | Final Peer Review | 3SEP98* | 1MAR99 | 35 |
| ..SR400M2 | 0 | 0 | 0 | SU | | | YMSCO Accepts Viability Assessment | | 28AUG98 | 1 |
| ..SR520M2 * | 0 | 0 | 0 | SU | | | Cmpl Process Model Review/PR Interim Report | | 26JUN98 | 960 |
| ..SR520 * | 269 | 269 | 0 | PR | | | Site/Design Process Model Review/PR Intrm Rprt | 17JUN97* | 26JUN98 | 16 |
| SR520M2 | 0 | 0 | 0 | | | | Cmpl Process Model Review/PR Interim Report | | 26JUN98 | 960 |
| ..PA105 | 390 | 390 | 0 | PR | FF | 0 | Scenarios Development - VA | 2OCT96* | 31MAR98 | 109 |
| SR522 | 459 | 459 | 0 | | | | Scenario Review/PR Report | 30SEP96* | 2JUL98 | 79 |
| ..PA107 | 267 | 267 | 0 | SU | | | Scenarios Development - LA | 24AUG98 | 31AUG99 | 83 |
| ..SR254 | 128 | 128 | 0 | SU | | | Final Peer Review | 3SEP98* | 1MAR99 | 35 |
| ..SR522M2 * | 0 | 0 | 0 | SU | | | Cmpl Scenario Review/PR Report | | 2JUL98 | 956 |
| ..SR522 * | 459 | 459 | 0 | PR | | | Scenario Review/PR Report | 30SEP96* | 2JUL98 | 79 |
| SR522M2 | 0 | 0 | 0 | | | | Cmpl Scenario Review/PR Report | | 2JUL98 | 956 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ..PA204 | | 271 | 271 | 0 | PR | | | Abstraction/Testing WF degradation - VA | 17JUN96 | 30JUN97 | 96 |
| ..PA208 | | 271 | 271 | 0 | PR | | | Abstraction/Testing WP degradation - VA | 17JUN96 | 30JUN97 | 96 |
| ..PA210 | | 271 | 271 | 0 | PR | SS | 0 | Abstraction/Testing WF Mobilization - VA | 6FEB97 | 19FEB98 | 6 |
| ..SR500 | | 255 | 255 | 0 | PR | | | TSPA Orientation/PR Interim Report | 1JUL96* | 20JUN97 | 102 |
| ..XPA01 | | 271 | 271 | 0 | PR | FF | 0 | Abstraction/Testing of UZ Flow Models - VA | 3OCT96 | 16OCT97 | 91 |
| ..XPA03 | | 271 | 271 | 0 | PR | FF | 0 | Abstraction/Testing of SZ Flow Models - VA | 3OCT96 | 16OCT97 | 91 |
| ..XPA05 | | 271 | 271 | 0 | PR | FF | 0 | Abstraction/Testing of F&T Models - VA | 26DEC96 | 8JAN98 | 31 |
| ..XPA07 | | 262 | 262 | 0 | PR | FF | 0 | Abstraction/Testing of NF Environ Models - VA | 7FEB97 | 9FEB98 | 9 |
| ..XPA09 | * | 271 | 271 | 0 | PR | FF | 0 | Abstraction/Testing of T/H Models - VA | 6FEB97 | 19FEB98 | 1 |
| SR540 | | 73 | 73 | 0 | | | | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..PA206 | | 218 | 218 | 0 | SU | | | Abstraction/Testing WF degradation - LA | 24AUG98 | 23JUN99 | 110 |
| ..PA212 | | 218 | 218 | 0 | SU | | | Abstraction/Testing WP degradation - LA | 9JUN98 | 8APR99 | 164 |
| ..PA214 | * | 218 | 218 | 0 | SU | FS | 77 | Abstraction/Testing WF Mobilization- LA | 9JUN98 | 8APR99 | 164 |
| ..SR250 | * | 136 | 136 | 0 | SU | | | TSPA-VA/PR Letter Report | 20FEB98* | 28AUG98 | 1 |
| ..SR254 | | 128 | 128 | 0 | SU | | | Final Peer Review | 3SEP98* | 1MAR99 | 35 |
| ..XPA02 | | 154 | 154 | 0 | SU | SS | 0 | Abstraction/Testing of UZ Flow Models - LA | 4MAR98 | 5OCT98 | 297 |
| ..XPA04 | | 154 | 154 | 0 | SU | SS | 0 | Abstraction/Testing of SZ Flow Models - LA | 4MAR98 | 5OCT98 | 297 |
| ..XPA06 | | 154 | 154 | 0 | SU | | | Abstraction/Testing of F&T Models - LA | 8JUN98 | 7JAN99 | 229 |
| ..XPA10 | | 154 | 154 | 0 | SU | | | Abstraction/Testing of T/H Models - LA | 9JUN98 | 8JAN99 | 228 |
| ..R5200M0 | * | 0 | 0 | 0 | PR | FS | 22 | Secretary Issue SR to President | | 27JUL01 | 0 |
| SR800X | | 24 | 24 | 0 | | | | Pres Recommends SR to Congress | 29AUG01 | 1OCT01 | 0 |
| ..SR805MX | * | 0 | 0 | 0 | SU | FS | 43 | Site Designation is Effective | | 29NOV01 | 0 |
| ..SR800X | * | 24 | 24 | 0 | PR | FS | 43 | Pres Recommends SR to Congress | 29AUG01 | 1OCT01 | 0 |
| SR805MX | | 0 | 0 | 0 | | | | Site Designation is Effective | | 29NOV01 | 0 |
| ..R5181M1 | * | 0 | 0 | 0 | SU | FS | 66 | Complete License Application | | 1MAR02 | 0 |
| ..R5182M0 | | 0 | 0 | 0 | SU | FS | 66 | Submit License Application to NRC | | 1MAR02* | 0 |
| ..ES100 | * | 255 | 255 | 0 | PR | SS | 71 | Excavate Thermal Test Alcove | 5FEB96* | 24JAN97 | 43 |
| ST135 | | 76 | 76 | 0 | | | | Single Heater Test: Installation | 14MAY96 | 27AUG96 | 86 |
| ..ST140 | | 131 | 131 | 0 | SU | FS | 65 | Drift Scale Heater Test: Installation | 27JAN97 | 28JUL97 | 43 |
| ..ST195 | * | 198 | 198 | 0 | SU | | | Single Heater Test: Heat-Up | 28AUG96 | 30MAY97 | 151 |
| ..ES100 | * | 255 | 255 | 0 | PR | | | Excavate Thermal Test Alcove | 5FEB96* | 24JAN97 | 43 |
| ..ST135 | | 76 | 76 | 0 | PR | FS | 65 | Single Heater Test: Installation | 14MAY96 | 27AUG96 | 86 |
| ST140 | | 131 | 131 | 0 | | | | Drift Scale Heater Test: Installation | 27JAN97 | 28JUL97 | 43 |
| ..ST215 | * | 520 | 520 | 0 | SU | | | Drift Scale Heater Test: Heat-Up | 29JUL97 | 26JUL99 | 43 |
| ..ES100 | * | 255 | 255 | 0 | PR | FS | 131 | Excavate Thermal Test Alcove | 5FEB96* | 24JAN97 | 43 |
| ST140M2 | | 0 | 0 | 0 | | | | Initiate Drift Scale Thermal Test | | 28JUL97 | 43 |
| ..ST215 | * | 520 | 520 | 0 | SU | | | Drift Scale Heater Test: Heat-Up | 29JUL97 | 26JUL99 | 43 |
| ..ST135 | * | 76 | 76 | 0 | PR | | | Single Heater Test: Installation | 14MAY96 | 27AUG96 | 86 |
| ST195 | | 198 | 198 | 0 | | | | Single Heater Test: Heat-Up | 28AUG96 | 30MAY97 | 151 |

Schedule Report - Detailed Precedence Analysis

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..ST205 | * | 200 | 200 | 0 | SU | | Single Heater Test: Cool-Down | 2JUN97 | 6MAR98 | 232 |
| ..ST215 | | 520 | 520 | 0 | SU SS | 131 | Drift Scale Heater Test: Heat-Up | 29JUL97 | 26JUL99 | 43 |
| ..XPA09 | | 271 | 271 | 0 | SU FF | 0 | Abstraction/Testing of T/H Models - VA | 6FEB97 | 19FEB98 | 1 |
| ST2.3A | | 261 | 261 | 0 | | | Structural/Stratigraphic Data Collection | 2OCT95 | 30SEP96 | 169 |
| ..NE1015M3 | | 0 | 0 | 0 | SU | | Receipt of Affected Environment Data | | 30SEP97* | 44 |
| ..RP020 | | 521 | 521 | 0 | SU FF | 0 | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..RP120 | | 521 | 521 | 0 | SU FF | 0 | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..ST2.3D | * | 260 | 260 | 0 | SU | | Synthesize Data/Write Chapter 2.3, Geologic Sys | 1OCT96 | 29SEP97 | 169 |
| ST2.3B | | 305 | 305 | 0 | | | 3D Geologic Model Development | 2OCT95 | 29NOV96 | 97 |
| ..ST2.3BM2 | * | 0 | 0 | 0 | SU FS | 22 | 3D Geologic Model Acceptance | | 31DEC96 | 1348 |
| ..ST2.4B | | 446 | 446 | 0 | SU FF | 60 | Hydrologic Model Development | 2OCT95 | 16JUN97 | 16 |
| ..ST2.3B | * | 305 | 305 | 0 | PR FS | 22 | 3D Geologic Model Development | 2OCT95 | 29NOV96 | 97 |
| ST2.3BM2 | | 0 | 0 | 0 | | | 3D Geologic Model Acceptance | | 31DEC96 | 1348 |
| ..PA200 | | 260 | 260 | 0 | PR FF | 0 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..ST2.3D | * | 260 | 260 | 0 | PR SS | 0 | Synthesize Data/Write Chapter 2.3, Geologic Sys | 1OCT96 | 29SEP97 | 169 |
| ST2.3C | | 1414* | 1414* | 0 | | | Structural/Stratigraphic Ongoing Monitoring | 1OCT96 | 1MAR02 | 0 |
| ..IN01Z | * | 0 | 0 | 0 | SU FF | 0 | Infrastructure Finish | | 1MAR02 | 0 |
| ..ST2.3A | * | 261 | 261 | 0 | PR | | Structural/Stratigraphic Data Collection | 2OCT95 | 30SEP96 | 169 |
| ST2.3D | | 260 | 260 | 0 | | | Synthesize Data/Write Chapter 2.3, Geologic Sys | 1OCT96 | 29SEP97 | 169 |
| ..LA200 | | 211 | 211 | 0 | SU FF | 0 | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..MG010M2 | | 0 | 0 | 0 | SU | | PISA Chapters 2,3,4,5,6,9,11 Design/Ops/Site | | 29JUN98 | 920 |
| ..SR390 | | 130 | 130 | 0 | SU FF | 0 | Prepare Technical Record for VA | 23FEB98* | 25AUG98 | 4 |
| ..ST2.3C | * | 1414 | 1414 | 0 | SU SS | 0 | Structural/Stratigraphic Ongoing Monitoring | 1OCT96 | 1MAR02 | 0 |
| ..ST2.3DM2 | * | 0 | 0 | 0 | SU FS | 88 | Complete PSHA | | 29JAN98 | 1066 |
| ..ST2.3E | * | 175 | 175 | 0 | SU SS | 176 | Geologic Confirmatory Testing | 4JUN97 | 3FEB98 | 169 |
| ..ST2.3D | * | 260 | 260 | 0 | PR FS | 88 | Synthesize Data/Write Chapter 2.3, Geologic Sys | 1OCT96 | 29SEP97 | 169 |
| ST2.3DM2 | | 0 | 0 | 0 | | | Complete PSHA | | 29JAN98 | 1066 |
| ..ST2.3D | * | 260 | 260 | 0 | PR SS | 176 | Synthesize Data/Write Chapter 2.3, Geologic Sys | 1OCT96 | 29SEP97 | 169 |
| ST2.3E | | 175 | 175 | 0 | | | Geologic Confirmatory Testing | 4JUN97 | 3FEB98 | 169 |
| ..ST2.4E | * | 312 | 312 | 0 | SU | | Hydrologic Confirmatory Testing | 4FEB98 | 15APR99 | 203 |
| ..ST2.5E | * | 346 | 346 | 0 | SU | | Geochemical/Transport Confirmatory Testing | 4FEB98 | 2JUN99 | 169 |
| ST2.4A | | 380 | 380 | 0 | | | Hydrologic Data Collection | 2OCT95 | 14MAR97 | 121 |
| ..NE1015M3 | | 0 | 0 | 0 | SU | | Receipt of Affected Environment Data | | 30SEP97* | 44 |
| ..RP020 | | 521 | 521 | 0 | SU FF | 0 | Surface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..RP120 | | 521 | 521 | 0 | SU FF | 0 | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..ST2.4D | * | 260 | 260 | 0 | SU | | Synthesize Data/Write Ch 2.4, Hydrologic Sys | 17MAR97 | 13MAR98 | 121 |
| ..WP050 | | 475 | 475 | 0 | SU | | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..ST2.3B | | 305 | 305 | 0 | PR FF | 60 | 3D Geologic Model Development | 2OCT95 | 29NOV96 | 97 |
| ..ST2.6B | | 436 | 436 | 0 | PR FF | 0 | Climate Model Development | 2OCT95 | 2JUN97 | 26 |
| ST2.4B | | 446 | 446 | 0 | | | Hydrologic Model Development | 2OCT95 | 16JUN97 | 16 |
| ..PA230 | | 265 | 265 | 0 | SU | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR520 | * | 269 | 269 | 0 | SU | | Site/Design Process Model Review/PR Intrm Rprt | 17JUN97* | 26JUN98 | 16 |
| ..ST2.4BM2 | * | 0 | 0 | 0 | SU FS | 22 | UZ Site Flow Model Acceptance | | 16JUL97 | 1207 |
| ..ST2.4BM2A | * | 0 | 0 | 0 | SU FS | 22 | SZ Site Flow Model Acceptance | | 16JUL97 | 1207 |
| ..ST2.5B | * | 496 | 496 | 0 | SU FF | 60 | Transport Model Development | 16OCT95 | 8SEP97 | 31 |
| ..XPA01 | * | 271 | 271 | 0 | SU FF | 88 | Abstraction/Testing of UZ Flow Models - VA | 3OCT96 | 16OCT97 | 91 |
| ..XPA03 | * | 271 | 271 | 0 | SU FF | 88 | Abstraction/Testing of SZ Flow Models - VA | 3OCT96 | 16OCT97 | 91 |
| ..ST2.4B | * | 446 | 446 | 0 | PR FS | 22 | Hydrologic Model Development | 2OCT95 | 16JUN97 | 16 |
| ST2.4BM2 | | 0 | 0 | 0 | | | UZ Site Flow Model Acceptance | | 16JUL97 | 1207 |
| ..ST2.4B | * | 446 | 446 | 0 | PR FS | 22 | Hydrologic Model Development | 2OCT95 | 16JUN97 | 16 |
| ST2.4BM2A | | 0 | 0 | 0 | | | SZ Site Flow Model Acceptance | | 16JUL97 | 1207 |
| ..PA200 | | 260 | 260 | 0 | PR FF | 0 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..ST2.4D | * | 260 | 260 | 0 | PR SS | 0 | Synthesize Data/Write Ch 2.4, Hydrologic Sys | 17MAR97 | 13MAR98 | 121 |
| ST2.4C | | 1295* | 1295* | 0 | | | Hydrologic Ongoing Monitoring | 17MAR97 | 1MAR02 | 0 |
| ..IN01Z | * | 0 | 0 | 0 | SU FF | 0 | Infrastructure Finish | | 1MAR02 | 0 |
| ..ST2.4A | * | 380 | 380 | 0 | PR | | Hydrologic Data Collection | 2OCT95 | 14MAR97 | 121 |
| ST2.4D | | 260 | 260 | 0 | | | Synthesize Data/Write Ch 2.4, Hydrologic Sys | 17MAR97 | 13MAR98 | 121 |
| ..LA200 | | 211 | 211 | 0 | SU FF | 0 | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..MG010M2 | | 0 | 0 | 0 | SU | | PISA Chapters 2,3,4,5,6,9,11 Design/Ops/Site | | 29JUN98 | 920 |
| ..SR390 | | 130 | 130 | 0 | SU FF | 0 | Prepare Technical Record for VA | 23FEB98* | 25AUG98 | 4 |
| ..ST2.4C | * | 1295 | 1295 | 0 | SU SS | 0 | Hydrologic Ongoing Monitoring | 17MAR97 | 1MAR02 | 0 |
| ..PA230 | | 265 | 265 | 0 | PR SS | 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR252 | | 267 | 267 | 0 | PR SS | 108 | Implement Process Model Changes | 31JUL97 | 7AUG98 | 16 |
| ..ST2.3E | * | 175 | 175 | 0 | PR | | Geologic Confirmatory Testing | 4JUN97 | 3FEB98 | 169 |
| ST2.4E | | 312 | 312 | 0 | | | Hydrologic Confirmatory Testing | 4FEB98 | 15APR99 | 203 |
| ..PA200 | | 260 | 260 | 0 | SU FF | 0 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..ST2.4EM2 | * | 0 | 0 | 0 | SU FS | 22 | Confirm Flow Models for LA Acceptance | | 17MAY99 | 729 |
| ..ST2.4EM2A | * | 0 | 0 | 0 | SU SF | 240 | Complete Ghost Dance Fault Testing | | 5JAN99 | 823 |
| ..ST2.4EM2B | * | 0 | 0 | 0 | SU SF | 240 | Complete Solitario Canyon Fault Testing | | 5JAN99 | 823 |
| ..XPA02 | * | 154 | 154 | 0 | SU SS | 20 | Abstraction/Testing of UZ Flow Models - LA | 4MAR98 | 5OCT98 | 297 |
| ..XPA04 | * | 154 | 154 | 0 | SU SS | 20 | Abstraction/Testing of SZ Flow Models - LA | 4MAR98 | 5OCT98 | 297 |
| ..ST2.4E | * | 312 | 312 | 0 | PR FS | 22 | Hydrologic Confirmatory Testing | 4FEB98 | 15APR99 | 203 |
| ST2.4EM2 | | 0 | 0 | 0 | | | Confirm Flow Models for LA Acceptance | | 17MAY99 | 729 |
| ..ST2.4E | * | 312 | 312 | 0 | PR SF | 240 | Hydrologic Confirmatory Testing | 4FEB98 | 15APR99 | 203 |
| ST2.4EM2A | | 0 | 0 | 0 | | | Complete Ghost Dance Fault Testing | | 5JAN99 | 823 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..ST2.4E | * | 312 | 312 | 0 PR SF | 240 | | Hydrologic Confirmatory Testing | 4FEB98 | 15APR99 | 203 |
| ST2.4EM2B | | 0 | 0 | 0 | | | Complete Solitario Canyon Fault Testing | | 5JAN99 | 823 |
| ..ES270 | * | 130 | 130 | 0 PR FS | 22 | | Excavate GDF Drift #1 | 13MAY96 | 8NOV96 | 1363 |
| ST2.4M2A | | 0 | 0 | 0 | | | Initiate GDF 1 Alcove Testing | | 10DEC96 | 1363 |
| ..ES271 | * | 145 | 145 | 0 PR SF | 88 | | Excavate GDF Drift #2 | 7OCT96* | 25APR97 | 1265 |
| ST2.4M2B | | 0 | 0 | 0 | | | Initiate GDF 2 Testing | | 5FEB97 | 1322 |
| ST2.5A | | 440 | 440 | 0 | | | Mineralogy/Petrology/Geochemical Data Collection | 2OCT95 | 6JUN97 | 31 |
| ..NE1015M3 | | 0 | 0 | 0 SU | | | Receipt of Affected Environment Data | | 30SEP97* | 44 |
| ..RP120 | | 521 | 521 | 0 SU FF | 0 | | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..ST2.5B | * | 496 | 496 | 0 SU FF | 66 | | Transport Model Development | 16OCT95 | 8SEP97 | 31 |
| ..ST2.5D | * | 260 | 260 | 0 SU | | | Synthesize Data/Write Ch 2.5, Geochem Sys | 9JUN97 | 5JUN98 | 61 |
| ..WP050 | | 475 | 475 | 0 SU | | | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..ST2.4B | * | 446 | 446 | 0 PR FF | 60 | | Hydrologic Model Development | 2OCT95 | 16JUN97 | 16 |
| ..ST2.5A | * | 440 | 440 | 0 PR FF | 66 | | Mineralogy/Petrology/Geochemical Data Collection | 2OCT95 | 6JUN97 | 31 |
| ..WP0035 | | 259 | 259 | 0 PR FF | 110 | | Prepare WFCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| ..WP015 | | 259 | 259 | 0 PR FF | 110 | | Prepare EMCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| ..XRP510 | | 287 | 287 | 0 PR FF | 0 | | Determine Near field Environment Impacts | 10JUN96* | 30JUL97 | 20 |
| ..XWP511 | | 200 | 200 | 0 PR FF | 0 | | Determine Near field Environment Impacts | 10JUN96* | 27MAR97 | 63 |
| ST2.5B | | 496 | 496 | 0 | | | Transport Model Development | 16OCT95 | 8SEP97 | 31 |
| ..PA230 | | 265 | 265 | 0 SU FF | 200 | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR520 | | 269 | 269 | 0 SU FF | 88 | | Site/Design Process Model Review/PR Intrm Rprt | 17JUN97* | 26JUN98 | 16 |
| ..ST2.5BM2 | * | 0 | 0 | 0 SU FS | 22 | | UZ Site Transport Model Acceptance | | 8OCT97 | 1147 |
| ..ST2.5BM2A | * | 0 | 0 | 0 SU FS | 22 | | SZ Site Transport Model Acceptance | | 8OCT97 | 1147 |
| ..XPA05 | * | 271 | 271 | 0 SU FF | 88 | | Abstraction/Testing of F&T Models - VA | 26DEC96 | 8JAN98 | 31 |
| ..XPA09 | | 271 | 271 | 0 SU FF | 88 | | Abstraction/Testing of T/H Models - VA | 6FEB97 | 19FEB98 | 1 |
| ..ST2.5B | * | 496 | 496 | 0 PR FS | 22 | | Transport Model Development | 16OCT95 | 8SEP97 | 31 |
| ST2.5BM2 | | 0 | 0 | 0 | | | UZ Site Transport Model Acceptance | | 8OCT97 | 1147 |
| ..ST2.5B | * | 496 | 496 | 0 PR FS | 22 | | Transport Model Development | 16OCT95 | 8SEP97 | 31 |
| ST2.5BM2A | | 0 | 0 | 0 | | | SZ Site Transport Model Acceptance | | 8OCT97 | 1147 |
| ..PA200 | | 260 | 260 | 0 PR FF | 0 | | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..ST2.5D | * | 260 | 260 | 0 PR SS | 0 | | Synthesize Data/Write Ch 2.5, Geochem Sys | 9JUN97 | 5JUN98 | 61 |
| ST2.5C | | 1235* | 1235* | 0 | | | Geochemical Ongoing Monitoring | 9JUN97 | 1MAR02 | 0 |
| ..IN01Z | * | 0 | 0 | 0 SU FF | 0 | | Infrastructure Finish | | 1MAR02 | 0 |
| ..ST2.5A | * | 440 | 440 | 0 PR | | | Mineralogy/Petrology/Geochemical Data Collection | 2OCT95 | 6JUN97 | 31 |
| ST2.5D | | 260 | 260 | 0 | | | Synthesize Data/Write Ch 2.5, Geochem Sys | 9JUN97 | 5JUN98 | 61 |
| ..LA200 | | 211 | 211 | 0 SU FF | 0 | | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ..MG010M2 | | 0 | 0 | 0 | SU | | | PISA Chapters 2,3,4,5,6,9,11 Design/Ops/Site | | 29JUN98 | 920 |
| ..SR390 | | 130 | 130 | 0 | SU | FF | 0 | Prepare Technical Record for VA | 23FEB98* | 25AUG98 | 4 |
| ..ST2.5C | * | 1235 | 1235 | 0 | SU | SS | 0 | Geochemical Ongoing Monitoring | 9JUN97 | 1MAR02 | 0 |
| ..PA230 | | 265 | 265 | 0 | PR | SS | 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR252 | | 267 | 267 | 0 | PR | SS | 108 | Implement Process Model Changes | 31JUL97 | 7AUG98 | 16 |
| ..ST2.3E | * | 175 | 175 | 0 | PR | | | Geologic Confirmatory Testing | 4JUN97 | 3FEB98 | 169 |
| ..WP0020 | | 194 | 194 | 0 | PR | FF | 88 | Prepare EMCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| ..WP110 | | 194 | 194 | 0 | PR | FF | 88 | Prepare WFCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| ST2.5E | | 346 | 346 | 0 | | | | Geochemical/Transport Confirmatory Testing | 4FEB98 | 2JUN99 | 169 |
| ..PA200 | | 260 | 260 | 0 | SU | FF | 0 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..ST2.5EM2 | * | 0 | 0 | 0 | SU | FS | 22 | Confirm Transport Models for LA Acceptance | | 2JUL99 | 695 |
| ..XPA06 | * | 154 | 154 | 0 | SU | SS | 88 | Abstraction/Testing of F&T Models - LA | 8JUN98 | 7JAN99 | 229 |
| ..XPA10 | | 154 | 154 | 0 | SU | SS | 0 | Abstraction/Testing of T/H Models - LA | 9JUN98 | 8JAN99 | 228 |
| ..ST2.5E | * | 346 | 346 | 0 | PR | FS | 22 | Geochemical/Transport Confirmatory Testing | 4FEB98 | 2JUN99 | 169 |
| ST2.5EM2 | | 0 | 0 | 0 | | | | Confirm Transport Models for LA Acceptance | | 2JUL99 | 695 |
| ST2.6A | | 371 | 371 | 0 | | | | Meteorologic/Paleoclimate Data Collection | 2OCT95 | 3MAR97 | 130 |
| ..NE1015M3 | | 0 | 0 | 0 | SU | | | Receipt of Affected Environment Data | | 30SEP97* | 44 |
| ..ST2.6D | * | 260 | 260 | 0 | SU | | | Synthesize Data/Write Ch 2.6, Climatic Sys | 4MAR97 | 2MAR98 | 130 |
| ST2.6B | | 436 | 436 | 0 | | | | Climate Model Development | 2OCT95 | 2JUN97 | 26 |
| ..ST2.4B | | 446 | 446 | 0 | SU | FF | 0 | Hydrologic Model Development | 2OCT95 | 16JUN97 | 16 |
| ..ST2.6BM2 | * | 0 | 0 | 0 | SU | FS | 22 | Future Climate Scenarios Acceptance | | 2JUL97 | 1217 |
| ..ST2.6B | * | 436 | 436 | 0 | PR | FS | 22 | Climate Model Development | 2OCT95 | 2JUN97 | 26 |
| ST2.6BM2 | | 0 | 0 | 0 | | | | Future Climate Scenarios Acceptance | | 2JUL97 | 1217 |
| ..ST2.6D | * | 260 | 260 | 0 | PR | SS | 0 | Synthesize Data/Write Ch 2.6, Climatic Sys | 4MAR97 | 2MAR98 | 130 |
| ST2.6C | | 1304* | 1304* | 0 | | | | Climatological Ongoing Monitoring | 4MAR97 | 1MAR02 | 0 |
| ..IN01Z | * | 0 | 0 | 0 | SU | FF | 0 | Infrastructure Finish | | 1MAR02 | 0 |
| ..ST2.6A | * | 371 | 371 | 0 | PR | | | Meteorologic/Paleoclimate Data Collection | 2OCT95 | 3MAR97 | 130 |
| ST2.6D | | 260 | 260 | 0 | | | | Synthesize Data/Write Ch 2.6, Climatic Sys | 4MAR97 | 2MAR98 | 130 |
| ..LA200 | | 211 | 211 | 0 | SU | FF | 0 | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..MG010M2 | | 0 | 0 | 0 | SU | | | PISA Chapters 2,3,4,5,6,9,11 Design/Ops/Site | | 29JUN98 | 920 |
| ..SR390 | | 130 | 130 | 0 | SU | FF | 0 | Prepare Technical Record for VA | 23FEB98* | 25AUG98 | 4 |
| ..ST2.6C | * | 1304 | 1304 | 0 | SU | SS | 0 | Climatological Ongoing Monitoring | 4MAR97 | 1MAR02 | 0 |
| ST2.7A | | 501 | 501 | 0 | | | | Near Field Data Collection | 2OCT95 | 1SEP97 | 20 |
| ..NE1015M3 | | 0 | 0 | 0 | SU | | | Receipt of Affected Environment Data | | 30SEP97* | 44 |
| ..RP120 | | 521 | 521 | 0 | SU | FF | 0 | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..ST2.7D | * | 260 | 260 | 0 | SU | FF | 200 | Synthesize Data/Write Ch 2.7, Near Field Env | 10JUN97 | 8JUN98 | 60 |
| ..WP050 | | 475 | 475 | 0 | SU | | | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |

Schedule Report - Detailed Precedence Analysis

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..WP0035 | | 259 | 259 | 0 | PR FF | 110 | Prepare WFCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| ..WP015 | | 259 | 259 | 0 | PR FF | 110 | Prepare EMCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| ..XRP510 | | 287 | 287 | 0 | PR FF | 0 | Determine Near field Environment Impacts | 10JUN96* | 30JUL97 | 20 |
| ST2.7B | | 536 | 536 | 0 | | | Near Field Environ. Model Development | 2OCT95 | 20OCT97 | 1 |
| ..PA210 | * | 271 | 271 | 0 | SU FF | 88 | Abstraction/Testing WF Mobilization - VA | 6FEB97 | 19FEB98 | 6 |
| ..PA230 | | 265 | 265 | 0 | SU FF | 173 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR520 | | 269 | 269 | 0 | SU FF | 32 | Site/Design Process Model Review/PR Intrm Rprt | 17JUN97* | 26JUN98 | 16 |
| ..ST2.7BM2A | * | 0 | 0 | 0 | SU FS | 22 | Near Field Models Acceptance | | 19NOV97 | 1117 |
| ..XPA07 | * | 262 | 262 | 0 | SU FF | 80 | Abstraction/Testing of NF Environ Models - VA | 7FEB97 | 9FEB98 | 9 |
| ..XPA09 | * | 271 | 271 | 0 | SU FF | 88 | Abstraction/Testing of T/H Models - VA | 6FEB97 | 19FEB98 | 1 |
| ..XWP511 | | 200 | 200 | 0 | SU SS | 0 | Determine Near field Environment Impacts | 10JUN96* | 27MAR97 | 63 |
| ..ST2.7B | * | 536 | 536 | 0 | PR FS | 22 | Near Field Environ. Model Development | 2OCT95 | 20OCT97 | 1 |
| ST2.7BM2A | | 0 | 0 | 0 | | | Near Field Models Acceptance | | 19NOV97 | 1117 |
| ..ST2.7A | * | 501 | 501 | 0 | PR FF | 200 | Near Field Data Collection | 2OCT95 | 1SEP97 | 20 |
| ST2.7D | | 260 | 260 | 0 | | | Synthesize Data/Write Ch 2.7, Near Field Env | 10JUN97 | 8JUN98 | 60 |
| ..LA200 | | 211 | 211 | 0 | SU FF | 0 | Prepare Project Integrated Safety Assessment | 31OCT97 | 21AUG98 | 87 |
| ..MG010M2 | | 0 | 0 | 0 | SU | | PISA Chapters 2,3,4,5,6,9,11 Design/Ops/Site | | 29JUN98 | 920 |
| ..SR390 | | 130 | 130 | 0 | SU FF | 0 | Prepare Technical Record for VA | 23FEB98* | 25AUG98 | 4 |
| ..ST2.7E | * | 406 | 406 | 0 | SU SS | 176 | Near Field Environment Confirmatory Testing | 11FEB98 | 1SEP99 | 104 |
| ..XPA08 | * | 154 | 154 | 0 | SU | | Abstraction/Testing of NF Environ Models - LA | 9JUN98 | 8JAN99 | 228 |
| ..PA230 | | 265 | 265 | 0 | PR SS | 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR252 | | 267 | 267 | 0 | PR SS | 108 | Implement Process Model Changes | 31JUL97 | 7AUG98 | 16 |
| ..ST2.7D | * | 260 | 260 | 0 | PR SS | 176 | Synthesize Data/Write Ch 2.7, Near Field Env | 10JUN97 | 8JUN98 | 60 |
| ..WP0020 | | 194 | 194 | 0 | PR FF | 88 | Prepare EMCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| ..WP110 | | 194 | 194 | 0 | PR FF | 88 | Prepare WFCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| ..XPA07 | | 262 | 262 | 0 | PR | | Abstraction/Testing of NF Environ Models - VA | 7FEB97 | 9FEB98 | 9 |
| ST2.7E | | 406 | 406 | 0 | | | Near Field Environment Confirmatory Testing | 11FEB98 | 1SEP99 | 104 |
| ..PA200 | | 260 | 260 | 0 | SU FF | 0 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..ST2.7EM2 | * | 0 | 0 | 0 | SU FS | 22 | Confirm Near Field Models for LA Acceptance | | 1OCT99 | 630 |
| ..XPA10 | | 154 | 154 | 0 | SU SS | 0 | Abstraction/Testing of T/H Models - LA | 9JUN98 | 8JAN99 | 228 |
| ..ST2.7E | * | 406 | 406 | 0 | PR FS | 22 | Near Field Environment Confirmatory Testing | 11FEB98 | 1SEP99 | 104 |
| ST2.7EM2 | | 0 | 0 | 0 | | | Confirm Near Field Models for LA Acceptance | | 1OCT99 | 630 |
| ..ST195 | * | 198 | 198 | 0 | PR | | Single Heater Test: Heat-Up | 28AUG96 | 30MAY97 | 151 |
| ST205 | | 200 | 200 | 0 | | | Single Heater Test: Cool-Down | 2JUN97 | 6MAR98 | 232 |
| ..PA200 | | 260 | 260 | 0 | SU | | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..ST205M2 | * | 0 | 0 | 0 | SU FS | 66 | Single Heater Test Final Report Acceptance | | 8JUN98 | 974 |
| ..XPA10 | | 154 | 154 | 0 | SU | | Abstraction/Testing of T/H Models - LA | 9JUN98 | 8JAN99 | 228 |
| ..ST205 | * | 200 | 200 | 0 | PR FS | 66 | Single Heater Test: Cool-Down | 2JUN97 | 6MAR98 | 232 |
| ST205M2 | | 0 | 0 | 0 | | | Single Heater Test Final Report Acceptance | | 8JUN98 | 974 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..ST140 | * | 131 | 131 | 0 | PR | | Drift Scale Heater Test: Installation | 27JAN97 | 28JUL97 | 43 |
| ..ST140M2 | * | 0 | 0 | 0 | PR | | Initiate Drift Scale Thermal Test | | 28JUL97 | 43 |
| ..ST195 | | 198 | 198 | 0 | PR SS | 131 | Single Heater Test: Heat-Up | 28AUG96 | 30MAY97 | 151 |
| ST215 | | 520 | 520 | 0 | | | Drift Scale Heater Test: Heat-Up | 29JUL97 | 26JUL99 | 43 |
| ..LA360 | | 284 | 284 | 0 | SU FF | 131 | Prepare Draft License Application | 12MAY99 | 12JUN00 | 43 |
| ..PA200 | * | 260 | 260 | 0 | SU FF | 88 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..ST215M2 | * | 0 | 0 | 0 | SU | | Complete Drift Scale Test Heat Up | | 26JUL99 | 651 |
| ..ST225 | * | 520 | 520 | 0 | SU | | Drift Scale Heater Test: Cool-Down | 27JUL99* | 23JUL01 | 159 |
| ..ST215 | * | 520 | 520 | 0 | PR | | Drift Scale Heater Test: Heat-Up | 29JUL97 | 26JUL99 | 43 |
| ST215M2 | | 0 | 0 | 0 | | | Complete Drift Scale Test Heat Up | | 26JUL99 | 651 |
| ..IN13X2 | * | 1516 | 1516 | 0 | PR FF | 0 | ESH ESF Construction/Operations Base Support | 2OCT95 | 23JUL01 | 159 |
| ..ST215 | * | 520 | 520 | 0 | PR | | Drift Scale Heater Test: Heat-Up | 29JUL97 | 26JUL99 | 43 |
| ST225 | | 520 | 520 | 0 | | | Drift Scale Heater Test: Cool-Down | 27JUL99* | 23JUL01 | 159 |
| ..ST225M2 | * | 0 | 0 | 0 | SU SF | 330 | Drift Scale Heater Test Summary Report | | 30OCT00 | 333 |
| ..ST225 | * | 520 | 520 | 0 | PR SF | 330 | Drift Scale Heater Test: Cool-Down | 27JUL99* | 23JUL01 | 159 |
| ST225M2 | | 0 | 0 | 0 | | | Drift Scale Heater Test Summary Report | | 30OCT00 | 333 |
| ..WP0026 | * | 527 | 527 | 0 | PR FF | 0 | Short Duration Materials Testing - 2 | 1OCT96 | 7OCT98 | 79 |
| WP0020 | | 194 | 194 | 0 | | | Prepare EMCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| ..LA360 | | 284 | 284 | 0 | SU | | Prepare Draft License Application | 12MAY99 | 12JUN00 | 43 |
| ..PA200 | | 260 | 260 | 0 | SU | | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..PA212 | * | 218 | 218 | 0 | SU FF | 131 | Abstraction/Testing WP degradation - LA | 9JUN98 | 8APR99 | 164 |
| ..ST2.5E | | 346 | 346 | 0 | SU FF | 88 | Geochemical/Transport Confirmatory Testing | 4FEB98 | 2JUN99 | 169 |
| ..ST2.7E | | 406 | 406 | 0 | SU FF | 88 | Near Field Environment Confirmatory Testing | 11FEB98 | 1SEP99 | 104 |
| ..WP0020M2B | * | 0 | 0 | 0 | SU | | Complete EMCR Rev 2 | | 7OCT98 | 887 |
| ..WP050 | | 475 | 475 | 0 | SU FF | 130 | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..WP0020 | * | 194 | 194 | 0 | PR | | Prepare EMCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| WP0020M2B | | 0 | 0 | 0 | | | Complete EMCR Rev 2 | | 7OCT98 | 887 |
| WP0021 | | 261 | 261 | 0 | | | Short Duration Materials Testing - 1 | 2OCT95 | 30SEP96 | 23 |
| ..WP0026 | * | 527 | 527 | 0 | SU | | Short Duration Materials Testing - 2 | 1OCT96 | 7OCT98 | 79 |
| ..WP015 | * | 259 | 259 | 0 | SU SS | 109 | Prepare EMCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| ..WP0021 | * | 261 | 261 | 0 | PR | | Short Duration Materials Testing - 1 | 2OCT95 | 30SEP96 | 23 |
| WP0026 | | 527 | 527 | 0 | | | Short Duration Materials Testing - 2 | 1OCT96 | 7OCT98 | 79 |
| ..WP0020 | * | 194 | 194 | 0 | SU FF | 0 | Prepare EMCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| ..WP120 | * | 261 | 261 | 0 | PR SS | 109 | Short-Term Waste Form Testing-1 | 2OCT95 | 30SEP96 | 23 |
| WP0035 | | 259 | 259 | 0 | | | Prepare WFCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| ..PA204 | * | 271 | 271 | 0 | SU FF | 88 | Abstraction/Testing WF degradation - VA | 17JUN96 | 30JUN97 | 96 |

Schedule Report - Detailed Precedence Analysis

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ..PA230 | | 265 | 265 | 0 | SU FF | 110 | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..ST2.5B | | 496 | 496 | 0 | SU FF | 110 | | Transport Model Development | 16OCT95 | 8SEP97 | 31 |
| ..ST2.7B | | 536 | 536 | 0 | SU FF | 110 | | Near Field Environ. Model Development | 2OCT95 | 20OCT97 | 1 |
| ..WP0035M2B | * | 0 | 0 | 0 | SU | | | Complete WFCR Rev 1 | | 26FEB97 | 94 |
| ..WP050A | | 521 | 521 | 0 | SU FF | 130 | | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..WP122 | * | 1566 | 1566 | 0 | SU SS | 0 | | Long-Term Waste Form Testing & Modeling | 1MAR96 | 1MAR02 | 0 |
| ..WP0035 | * | 259 | 259 | 0 | PR | | | Prepare WFCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| WP0035M2B | | 0 | 0 | 0 | | | | Complete WFCR Rev 1 | | 26FEB97 | 94 |
| ..SR520 | | 269 | 269 | 0 | SU | | | Site/Design Process Model Review/PR Intrm Rprt | 17JUN97* | 26JUN98 | 16 |
| ..WP0021 | * | 261 | 261 | 0 | PR SS | 109 | | Short Duration Materials Testing - 1 | 2OCT95 | 30SEP96 | 23 |
| WP015 | | 259 | 259 | 0 | | | | Prepare EMCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| ..PA208 | * | 271 | 271 | 0 | SU FF | 88 | | Abstraction/Testing WP degradation - VA | 17JUN96 | 30JUN97 | 96 |
| ..PA230 | | 265 | 265 | 0 | SU FF | 110 | | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..ST2.5B | | 496 | 496 | 0 | SU FF | 110 | | Transport Model Development | 16OCT95 | 8SEP97 | 31 |
| ..ST2.7B | | 536 | 536 | 0 | SU FF | 110 | | Near Field Environ. Model Development | 2OCT95 | 20OCT97 | 1 |
| ..WP015M2B | * | 0 | 0 | 0 | SU | | | Complete EMCR Rev 1 | | 26FEB97 | 94 |
| ..WP050A | | 521 | 521 | 0 | SU FF | 130 | | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..WP060 | * | 1566 | 1566 | 0 | SU SS | 0 | | Long Duration Materials Testing | 1MAR96 | 1MAR02 | 0 |
| ..WP015 | * | 259 | 259 | 0 | PR | | | Prepare EMCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| WP015M2B | | 0 | 0 | 0 | | | | Complete EMCR Rev 1 | | 26FEB97 | 94 |
| ..SR520 | | 269 | 269 | 0 | SU | | | Site/Design Process Model Review/PR Intrm Rprt | 17JUN97* | 26JUN98 | 16 |
| ..NE1025 | * | 118 | 118 | 0 | PR FF | 0 | | DEIS Prepare and Issue | 17FEB99 | 30JUL99 | 4 |
| ..SEGHIM2 | | 0 | 0 | 0 | PR | | | Complete Waste Qty, Mix, and Throughput Study | | 1APR97 | 104 |
| ..SERST | | 131 | 131 | 0 | PR FF | 260 | | Perform Retrievability Study - VA | 14OCT97 | 14APR98 | 82 |
| ..SR300 | | 260 | 260 | 0 | PR FF | 88 | | License Application Plan | 3OCT96* | 1OCT97 | 108 |
| ..ST2.4A | | 380 | 380 | 0 | PR | | | Hydrologic Data Collection | 2OCT95 | 14MAR97 | 121 |
| ..ST2.5A | | 440 | 440 | 0 | PR | | | Mineralogy/Petrology/Geochemical Data Collection | 2OCT95 | 6JUN97 | 31 |
| ..ST2.7A | | 501 | 501 | 0 | PR | | | Near Field Data Collection | 2OCT95 | 1SEP97 | 20 |
| ..WP0020 | | 194 | 194 | 0 | PR FF | 130 | | Prepare EMCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| ..WP050A | | 521 | 521 | 0 | PR | | | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..WP100 | | 198 | 198 | 0 | PR FF | 0 | | Update Disposal Criticality Topical Report | 22APR98 | 22JAN99 | 139 |
| ..WP110 | | 194 | 194 | 0 | PR FF | 130 | | Prepare WFCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| WP050 | | 475 | 475 | 0 | | | | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..MG060 | * | 66 | 66 | 0 | SU FF | 0 | | MGDS Design Phase II Review | 30APR99 | 30JUL99 | 127 |
| ..NE1039 | | 73 | 73 | 0 | SU | | | PFEIS Prepare and Issue | 1FEB00 | 11MAY00 | 171 |
| ..SE124 | * | 132 | 132 | 0 | SU SS | 100 | | Prepare MGDS Cost Estimate | 23FEB98 | 25AUG98 | 4 |
| ..WP275 | | 642 | 642 | 0 | SU | | | EBS Design Phase III | 9AUG99 | 1MAR02 | 0 |
| ..SE050 | | 261 | 261 | 0 | PR FF | 131 | | Performance Confirmation Concepts | 2OCT95 | 30SEP96 | 71 |
| ..SE200 | | 130 | 130 | 0 | PR FF | 108 | | Perform Waste Qty, Mix, and Throughput Study | 2OCT96* | 1APR97 | 21 |
| ..SE300 | | 333 | 333 | 0 | PR FF | 131 | | Thermal Management Study | 2OCT95 | 8JAN97 | 57 |

Schedule Report - Detailed Precedence Analysis

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..SE310 | | 311 | 311 | 0 | PR FF | 131 | DBA/DBE Definition & Analyses | 2OCT95 | 9DEC96 | 79 |
| ..SE350 | | 259 | 259 | 0 | PR FF | 131 | Backfill Evaluation & Determination | 2OCT95 | 26SEP96 | 131 |
| ..WP0035 | | 259 | 259 | 0 | PR FF | 130 | Prepare WFCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| ..WP015 | | 259 | 259 | 0 | PR FF | 130 | Prepare EMCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| ..WP300 | | 735 | 735 | 0 | PR SF | 260 | Criticality Analyses/Isotopic Testing | 1APR96* | 22JAN99 | 131 |
| ..XRP502 | | 292 | 292 | 0 | PR FF | 0 | Develop WP Handling Concept | 1FEB96* | 31MAR97 | 127 |
| ..XRP504 | | 309 | 309 | 0 | PR FF | 0 | Develop Retrieval Strategy | 10JUN96* | 29AUG97 | 20 |
| ..XWP508 | | 123 | 123 | 0 | PR FF | 88 | Develop Galvanic Corrosion Protection | 10JUN96* | 5DEC96 | 118 |
| ..XWP511 | | 200 | 200 | 0 | PR FF | 66 | Determine Near field Environment Impacts | 10JUN96* | 27MAR97 | 63 |
| WP050A | | 521 | 521 | 0 | | | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..MG010 | * | 195 | 195 | 0 | SU | | Write Design/Operations PISA CH. 3,4,5,6,9,11 | 30SEP97 | 29JUN98 | 126 |
| ..MG050 | * | 61 | 61 | 0 | SU FF | 0 | MGDS Design Phase I Review | 7JUL97 | 29SEP97 | 6 |
| ..NE1017M3 | * | 0 | 0 | 0 | SU | | Receipt of Design/Con-Ops Data | | 29SEP97 | 0 |
| ..NE1045 | * | 130 | 130 | 0 | SU | | Write PISA Ch. 10, Radiation Protection | 30SEP97 | 8APR98 | 913 |
| ..NE5024 | | 44 | 44 | 0 | SU | | PISA/PDEIS Variance Analysis | 2SEP98 | 2NOV98 | 80 |
| ..SEOPQM2 | | 0 | 0 | 0 | SU | | Complete Criticality/Burnup Credit Study | | 30SEP97 | 1153 |
| ..SERST | | 131 | 131 | 0 | SU | | Perform Retrievability Study - VA | 14OCT97 | 14APR98 | 82 |
| ..SERSTM2 | | 0 | 0 | 0 | SU | | Complete Retrievability Study - VA | | 14APR98 | 1013 |
| ..SR205 | | 88 | 88 | 0 | SU | | Prepare Draft 10CFR960 Compliance Report | 17DEC98 | 19APR99 | 0 |
| ..SR300 | | 260 | 260 | 0 | SU FF | 0 | License Application Plan | 3OCT96* | 1OCT97 | 108 |
| ..WP050 | | 475 | 475 | 0 | SU | | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..XWP3015 | | 272 | 272 | 0 | SU SS | 200 | Develop Tech Specs | 3SEP96* | 1OCT97 | 1105 |
| ..PA200 | | 260 | 260 | 0 | PR | | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..WP015 | * | 259 | 259 | 0 | PR SS | 0 | Prepare EMCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| WP060 | | 1566* | 1566* | 0 | | | Long Duration Materials Testing | 1MAR96 | 1MAR02 | 0 |
| ..IN01Z | * | 0 | 0 | 0 | SU FF | 0 | Infrastructure Finish | | 1MAR02 | 0 |
| ..WP300 | | 735 | 735 | 0 | PR SF | 88 | Criticality Analyses/Isotopic Testing | 1APR96* | 22JAN99 | 131 |
| WP080 | | 261 | 261 | 0 | | | Criticality Analysis Technical Report | 2OCT95 | 30SEP96 | 147 |
| ..WP080M2 | * | 0 | 0 | 0 | SU | | Complete Disposal Criticality Technical Report | | 30SEP96 | 1414 |
| ..WP150 | * | 267 | 267 | 0 | SU | | Develop Criticality Control Topical Report | 1OCT96 | 8OCT97 | 147 |
| ..WP080 | * | 261 | 261 | 0 | PR | | Criticality Analysis Technical Report | 2OCT95 | 30SEP96 | 147 |
| WP080M2 | | 0 | 0 | 0 | | | Complete Disposal Criticality Technical Report | | 30SEP96 | 1414 |
| ..WP120 | * | 261 | 261 | 0 | PR | | Short-Term Waste Form Testing-1 | 2OCT95 | 30SEP96 | 23 |
| WP085 | | 527 | 527 | 0 | | | Short Term Waste Form Testing-2 | 1OCT96 | 7OCT98 | 79 |
| ..WP110 | * | 194 | 194 | 0 | SU FF | 0 | Prepare WFCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| ..WP150 | | 267 | 267 | 0 | PR FS | 131 | Develop Criticality Control Topical Report | 1OCT96 | 8OCT97 | 147 |
| ..WP300 | * | 735 | 735 | 0 | PR FF | 0 | Criticality Analyses/Isotopic Testing | 1APR96* | 22JAN99 | 131 |
| WP100 | | 198 | 198 | 0 | | | Update Disposal Criticality Topical Report | 22APR98 | 22JAN99 | 139 |
| ..WP050 | | 475 | 475 | 0 | SU FF | 0 | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |

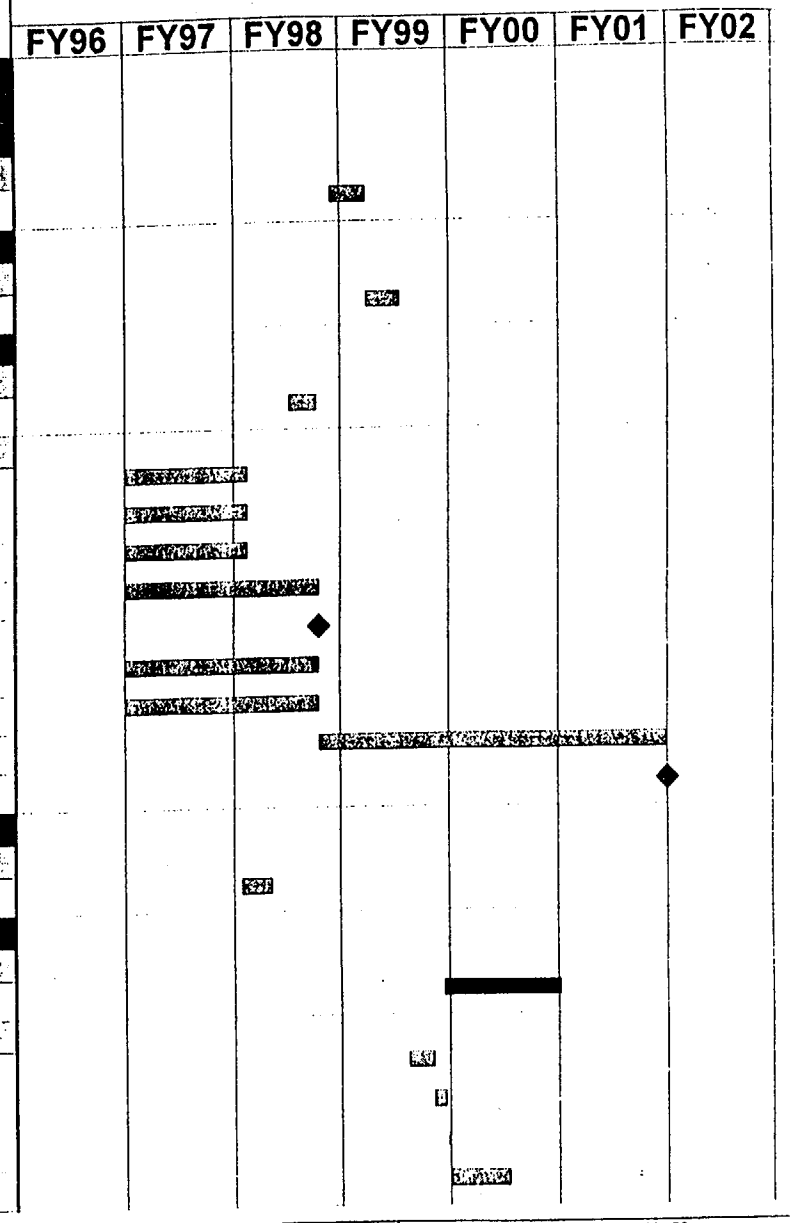
| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..WP085 | * | 527 | 527 | 0 | PR FF | 0 | Short Term Waste Form Testing-2 | 1OCT96 | 7OCT98 | 79 |
| WP110 | | 194 | 194 | 0 | | | Prepare WFCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| ..LA360 | | 284 | 284 | 0 | SU | | Prepare Draft License Application | 12MAY99 | 12JUN00 | 43 |
| ..PA200 | | 260 | 260 | 0 | SU | | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..PA206 | | 218 | 218 | 0 | SU FF | 180 | Abstraction/Testing WF degradation - LA | 24AUG98 | 23JUN99 | 110 |
| ..PA214 | | 218 | 218 | 0 | SU SS | 0 | Abstraction/Testing WF Mobilization- LA | 9JUN98 | 8APR99 | 164 |
| ..ST2.5E | | 346 | 346 | 0 | SU FF | 88 | Geochemical/Transport Confirmatory Testing | 4FEB98 | 2JUN99 | 169 |
| ..ST2.7E | | 406 | 406 | 0 | SU FF | 88 | Near Field Environment Confirmatory Testing | 11FEB98 | 1SEP99 | 104 |
| ..WP050 | | 475 | 475 | 0 | SU FF | 130 | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| ..WP110M2B | * | 0 | 0 | 0 | SU | | Complete WFCR Rev 2 | | 7OCT98 | 887 |
| ..WP122 | | 1566 | 1566 | 0 | SU SS | 0 | Long-Term Waste Form Testing & Modeling | 1MAR96 | 1MAR02 | 0 |
| ..WP110 | * | 194 | 194 | 0 | PR | | Prepare WFCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| WP110M2B | | 0 | 0 | 0 | | | Complete WFCR Rev 2 | | 7OCT98 | 887 |
| WP120 | | 261 | 261 | 0 | | | Short-Term Waste Form Testing-1 | 2OCT95 | 30SEP96 | 23 |
| ..WP0035 | * | 259 | 259 | 0 | SU SS | 109 | Prepare WFCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| ..WP085 | * | 527 | 527 | 0 | SU | | Short Term Waste Form Testing-2 | 1OCT96 | 7OCT98 | 79 |
| ..PA200 | | 260 | 260 | 0 | PR | | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..WP0035 | * | 259 | 259 | 0 | PR SS | 0 | Prepare WFCR Rev 1 | 1MAR96 | 26FEB97 | 23 |
| ..WP110 | | 194 | 194 | 0 | PR SS | 0 | Prepare WFCR Rev 2 | 9JAN98 | 7OCT98 | 79 |
| WP122 | | 1566* | 1566* | 0 | | | Long-Term Waste Form Testing & Modeling | 1MAR96 | 1MAR02 | 0 |
| ..IN01Z | * | 0 | 0 | 0 | SU FF | 0 | Infrastructure Finish | | 1MAR02 | 0 |
| ..SEOPQ | | 131 | 131 | 0 | PR FF | 0 | Perform Criticality/Burnup Credit Study | 1APR97* | 30SEP97 | 153 |
| ..WP080 | * | 261 | 261 | 0 | PR | | Criticality Analysis Technical Report | 2OCT95 | 30SEP96 | 147 |
| ..WP300 | | 735 | 735 | 0 | PR SF | 320 | Criticality Analyses/Isotopic Testing | 1APR96* | 22JAN99 | 131 |
| WP150 | | 267 | 267 | 0 | | | Develop Criticality Control Topical Report | 1OCT96 | 8OCT97 | 147 |
| ..WP100 | | 198 | 198 | 0 | SU FS | 131 | Update Disposal Criticality Topical Report | 22APR98 | 22JAN99 | 139 |
| ..WP150M2 | * | 0 | 0 | 0 | SU | | Update Disposal Criticality Topical Report | | 8OCT97 | 1147 |
| ..WP150 | * | 267 | 267 | 0 | PR | | Develop Criticality Control Topical Report | 1OCT96 | 8OCT97 | 147 |
| WP150M2 | | 0 | 0 | 0 | | | Update Disposal Criticality Topical Report | | 8OCT97 | 1147 |
| ..MG070M | * | 0 | 0 | 0 | PR SS | 0 | Start MGDS Design - Phase III | 9AUG99 | | 670 |
| ..WP050 | | 475 | 475 | 0 | PR | | EBS Design - Phase II | 6OCT97 | 30JUL99 | 4 |
| WP275 | | 642* | 642* | 0 | | | EBS Design Phase III | 9AUG99 | 1MAR02 | 0 |
| ..IN01Z | * | 0 | 0 | 0 | SU FF | 0 | Infrastructure Finish | | 1MAR02 | 0 |
| ..MG070 | * | 66 | 66 | 0 | SU FF | 0 | MGDS Design Phase III Review | 27NOV01 | 1MAR02 | 0 |
| WP300 | | 735 | 735 | 0 | | | Criticality Analyses/Isotopic Testing | 1APR96* | 22JAN99 | 131 |
| ..WP050A | | 521 | 521 | 0 | SU SF | 260 | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..WP080 | | 261 | 261 | 0 | SU SF | 88 | Criticality Analysis Technical Report | 2OCT95 | 30SEP96 | 147 |
| ..WP100 | * | 198 | 198 | 0 | SU FF | 0 | Update Disposal Criticality Topical Report | 22APR98 | 22JAN99 | 139 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ..WP150 | | 267 | 267 | 0 | SU SF | | 320 | Develop Criticality Control Topical Report | 1OCT96 | 8OCT97 | 147 |
| XMG0018 | | 123 | 123 | 0 | | | | Finalize ConOps/Funct Flow | 1OCT96* | 31MAR97 | 1234 |
| XMG0070 | | 336 | 336 | 0 | | | | Develop TSLCC Input for VA | 1APR96* | 30JUL97 | 1149 |
| XMG0080 | | 246 | 246 | 0 | | | | Develop Final TSLCC Input | 4AUG97* | 27JUL98 | 901 |
| ..ST2.4B | * | 446 | 446 | 0 | PR FF | | 88 | Hydrologic Model Development | 2OCT95 | 16JUN97 | 16 |
| XPA01 | | 271 | 271 | 0 | | | | Abstraction/Testing of UZ Flow Models - VA | 3OCT96 | 16OCT97 | 91 |
| ..PA230 | | 265 | 265 | 0 | SU FF | | 131 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR540 | | 73 | 73 | 0 | SU FF | | 0 | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..XPA02 | | 154 | 154 | 0 | SU | | | Abstraction/Testing of UZ Flow Models - LA | 4MAR98 | 5OCT98 | 297 |
| ..PA230 | | 265 | 265 | 0 | PR SS | | 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR540 | | 73 | 73 | 0 | PR SS | | 0 | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..ST2.4E | * | 312 | 312 | 0 | PR SS | | 20 | Hydrologic Confirmatory Testing | 4FEB98 | 15APR99 | 203 |
| ..XPA01 | | 271 | 271 | 0 | PR | | | Abstraction/Testing of UZ Flow Models - VA | 3OCT96 | 16OCT97 | 91 |
| XPA02 | | 154 | 154 | 0 | | | | Abstraction/Testing of UZ Flow Models - LA | 4MAR98 | 5OCT98 | 297 |
| ..PA200 | | 260 | 260 | 0 | SU FF | | 44 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..ST2.4B | * | 446 | 446 | 0 | PR FF | | 88 | Hydrologic Model Development | 2OCT95 | 16JUN97 | 16 |
| XPA03 | | 271 | 271 | 0 | | | | Abstraction/Testing of SZ Flow Models - VA | 3OCT96 | 16OCT97 | 91 |
| ..PA230 | | 265 | 265 | 0 | SU FF | | 131 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR540 | | 73 | 73 | 0 | SU FF | | 0 | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..XPA04 | | 154 | 154 | 0 | SU | | | Abstraction/Testing of SZ Flow Models - LA | 4MAR98 | 5OCT98 | 297 |
| ..PA230 | | 265 | 265 | 0 | PR FF | | 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR540 | | 73 | 73 | 0 | PR SS | | 0 | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..ST2.4E | * | 312 | 312 | 0 | PR SS | | 20 | Hydrologic Confirmatory Testing | 4FEB98 | 15APR99 | 203 |
| ..XPA03 | | 271 | 271 | 0 | PR | | | Abstraction/Testing of SZ Flow Models - VA | 3OCT96 | 16OCT97 | 91 |
| XPA04 | | 154 | 154 | 0 | | | | Abstraction/Testing of SZ Flow Models - LA | 4MAR98 | 5OCT98 | 297 |
| ..PA200 | | 260 | 260 | 0 | SU FF | | 44 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..ST2.5B | * | 496 | 496 | 0 | PR FF | | 88 | Transport Model Development | 16OCT95 | 8SEP97 | 31 |
| XPA05 | | 271 | 271 | 0 | | | | Abstraction/Testing of F&T Models - VA | 26DEC96 | 8JAN98 | 31 |
| ..PA230 | | 265 | 265 | 0 | SU FF | | 131 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR540 | | 73 | 73 | 0 | SU FF | | 0 | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..XPA06 | | 154 | 154 | 0 | SU | | | Abstraction/Testing of F&T Models - LA | 8JUN98 | 7JAN99 | 229 |
| ..PA230 | | 265 | 265 | 0 | PR SS | | 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR540 | | 73 | 73 | 0 | PR | | | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..ST2.5E | * | 346 | 346 | 0 | PR SS | | 88 | Geochemical/Transport Confirmatory Testing | 4FEB98 | 2JUN99 | 169 |
| ..XPA05 | | 271 | 271 | 0 | PR | | | Abstraction/Testing of F&T Models - VA | 26DEC96 | 8JAN98 | 31 |
| XPA06 | | 154 | 154 | 0 | | | | Abstraction/Testing of F&T Models - LA | 8JUN98 | 7JAN99 | 229 |

| ACTIVITY ID | | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|---|
| ..PA200 | | 260 | 260 | 0 | SU FF | 44 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..ST2.7B | * | 536 | 536 | 0 | PR FF | 80 | Near Field Environ. Model Development | 2OCT95 | 20OCT97 | 1 |
| XPA07 | | 262 | 262 | 0 | | | Abstraction/Testing of NF Environ Models - VA | 7FEB97 | 9FEB98 | 9 |
| ..PA230 | | 265 | 265 | 0 | SU FF | 131 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR540 | | 73 | 73 | 0 | SU FF | 0 | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..ST2.7E | | 406 | 406 | 0 | SU | | Near Field Environment Confirmatory Testing | 11FEB98 | 1SEP99 | 104 |
| ..XPA08 | | 154 | 154 | 0 | SU | | Abstraction/Testing of NF Environ Models - LA | 9JUN98 | 8JAN99 | 228 |
| ..ST2.7D | * | 260 | 260 | 0 | PR | | Synthesize Data/Write Ch 2.7, Near Field Env | 10JUN97 | 8JUN98 | 60 |
| ..XPA07 | | 262 | 262 | 0 | PR | | Abstraction/Testing of NF Environ Models - VA | 7FEB97 | 9FEB98 | 9 |
| XPA08 | | 154 | 154 | 0 | | | Abstraction/Testing of NF Environ Models - LA | 9JUN98 | 8JAN99 | 228 |
| ..PA200 | | 260 | 260 | 0 | SU FF | 44 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..ST195 | | 198 | 198 | 0 | PR FF | 0 | Single Heater Test: Heat-Up | 28AUG96 | 30MAY97 | 151 |
| ..ST2.5B | | 496 | 496 | 0 | PR FF | 88 | Transport Model Development | 16OCT95 | 8SEP97 | 31 |
| ..ST2.7B | * | 536 | 536 | 0 | PR FF | 88 | Near Field Environ. Model Development | 2OCT95 | 20OCT97 | 1 |
| XPA09 | | 271 | 271 | 0 | | | Abstraction/Testing of T/H Models - VA | 6FEB97 | 19FEB98 | 1 |
| ..PA230 | * | 265 | 265 | 0 | SU FF | 131 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR540 | * | 73 | 73 | 0 | SU FF | 0 | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..XPA10 | * | 154 | 154 | 0 | SU FS | 77 | Abstraction/Testing of T/H Models - LA | 9JUN98 | 8JAN99 | 228 |
| ..PA230 | | 265 | 265 | 0 | PR SS | 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| ..SR540 | | 73 | 73 | 0 | PR | | Abstract Model Review/PR Interim Report | 11NOV97* | 19FEB98 | 1 |
| ..ST2.5E | | 346 | 346 | 0 | PR SS | 0 | Geochemical/Transport Confirmatory Testing | 4FEB98 | 2JUN99 | 169 |
| ..ST2.7E | | 406 | 406 | 0 | PR SS | 0 | Near Field Environment Confirmatory Testing | 11FEB98 | 1SEP99 | 104 |
| ..ST205 | | 200 | 200 | 0 | PR | | Single Heater Test: Cool-Down | 2JUN97 | 6MAR98 | 232 |
| ..XPA09 | * | 271 | 271 | 0 | PR FS | 77 | Abstraction/Testing of T/H Models - VA | 6FEB97 | 19FEB98 | 1 |
| XPA10 | | 154 | 154 | 0 | | | Abstraction/Testing of T/H Models - LA | 9JUN98 | 8JAN99 | 228 |
| ..PA200 | | 260 | 260 | 0 | SU FF | 44 | TSPA Sensitivity for LA | 27NOV98 | 25NOV99 | 43 |
| ..NE1010 | | 88 | 88 | 0 | PR | | Identify and Eval existing data for NEPA | 1OCT96* | 30JAN97 | 1 |
| ..NE1016 | | 173 | 173 | 0 | PR | | Gather Design/PA/Affected Environment Data | 31JAN97 | 30SEP97 | 8 |
| ..PA230 | * | 265 | 265 | 0 | PR FF | 0 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 18AUG97 | 21AUG98 | 6 |
| XPA11 | | 225 | 225 | 0 | | | TSPA Input to NEPA | 13OCT97 | 21AUG98 | 7 |
| ..NE1018M3 | * | 0 | 0 | 0 | SU | | Receipt of TSPA98 data | | 21AUG98 | 7 |
| ..NE1010 | | 88 | 88 | 0 | PR | | Identify and Eval existing data for NEPA | 1OCT96* | 30JAN97 | 1 |
| ..NE1016 | | 173 | 173 | 0 | PR FS | 7 | Gather Design/PA/Affected Environment Data | 31JAN97 | 30SEP97 | 8 |
| ..PA164 | * | 265 | 265 | 0 | PR FF | 0 | Preclosure PA-VA/PISA Ch. 7 | 18AUG97 | 21AUG98 | 6 |
| XPA12 | | 225 | 225 | 0 | | | Preclosure PA Input to NEPA | 13OCT97 | 21AUG98 | 7 |
| ..NE1018M3 | * | 0 | 0 | 0 | SU | | Receipt of TSPA98 data | | 21AUG98 | 7 |
| XRP1025 | | 395 | 395 | 0 | | | Develop Tech Specs | 2OCT97* | 30APR99 | 710 |

| ACTIVITY ID | ORIG DUR | REM DUR | % | | | ACTIVITY DESCRIPTION | EARLY START | EARLY FINISH | TOTAL FLOAT |
|---|---|---|---|---|---|---|---|---|---|
| XRP1050 | 146 | 146 | 0 | | | Develop Facility Arrangements | 31MAY96* | 31DEC96 | 1296 |
| XRP1195M3 | 0 | 0 | 0 | | | Issue Bare/Fuel Technical Report | | 1APR99* | 731 |
| XRP2025 | 417 | 417 | 0 | | | Prepare Tech Specs | 30APR99* | 28DEC00 | 294 |
| XRP2035 | 149 | 149 | 0 | | | Develop Subsurface Layout | 1FEB96* | 30AUG96 | 1377 |
| XRP2055 | 168 | 168 | 0 | | | Update Sub Surface Fac/Arrangements | 30APR98* | 31DEC98 | 794 |
| XRP2215 | 395 | 395 | 0 | | | Prepare Thermal Mgmt Technical Report | 2SEP97* | 31MAR99 | 732 |
| ..RP2215M2 * | 0 | 0 | 0 | SU FF | 0 | Prepare Thermal Mgmt Technical Report | | 31MAR99 | 732 |
| XRP500 | 253 | 253 | 0 | | | Identify Emplacement Drift Materials | 13MAR96* | 14MAR97 | 138 |
| ..RP120 | 521 | 521 | 0 | SU FF | 0 | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| XRP502 | 292 | 292 | 0 | | | Develop WP Handling Concept | 1FEB96* | 31MAR97 | 127 |
| ..RP120 | 521 | 521 | 0 | SU FF | 0 | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..WP050A | 521 | 521 | 0 | SU FF | 0 | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| XRP504 | 309 | 309 | 0 | | | Develop Retrieval Strategy | 10JUN96* | 29AUG97 | 20 |
| ..RP120 | 521 | 521 | 0 | SU FF | 0 | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..WP050A | 521 | 521 | 0 | SU FF | 0 | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| XRP506 | 136 | 136 | 0 | | | Develop drift stability approach | 10JUN96* | 24DEC96 | 193 |
| ..RP120 | 521 | 521 | 0 | SU FF | 0 | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| XRP510 | 287 | 287 | 0 | | | Determine Near field Environment Impacts | 10JUN96* | 30JUL97 | 20 |
| ..RP120 | 521 | 521 | 0 | SU FF | 22 | Subsurface Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..ST2.5B | 496 | 496 | 0 | SU FF | 0 | Transport Model Development | 16OCT95 | 8SEP97 | 31 |
| ..ST2.7B | 536 | 536 | 0 | SU FF | 0 | Near Field Environ. Model Development | 2OCT95 | 20OCT97 | 1 |
| ..WP050A | 521 | 521 | 0 | PR SS | 200 | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| XWP3015 | 272 | 272 | 0 | | | Develop Tech Specs | 3SEP96* | 1OCT97 | 1105 |
| XWP508 | 123 | 123 | 0 | | | Develop Galvanic Corrosion Protection | 10JUN96* | 5DEC96 | 118 |
| ..WP050A | 521 | 521 | 0 | SU FF | 88 | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |
| ..ST2.7B | 536 | 536 | 0 | PR SS | 0 | Near Field Environ. Model Development | 2OCT95 | 20OCT97 | 1 |
| XWP511 | 200 | 200 | 0 | | | Determine Near field Environment Impacts | 10JUN96* | 27MAR97 | 63 |
| ..PA107 | 267 | 267 | 0 | SU | | Scenarios Development - LA | 24AUG98 | 31AUG99 | 83 |
| ..ST2.5B | 496 | 496 | 0 | SU FF | 0 | Transport Model Development | 16OCT95 | 8SEP97 | 31 |
| ..WP050A | 521 | 521 | 0 | SU FF | 66 | EBS Design - Phase I | 2OCT95 | 29SEP97 | 0 |

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| LA202 - OCRWM review of PISA | | | | | |
| Detail Activities (PSS) | | | | | |
| LA202 | OCRWM Review of PISA | 2 | 86 | 24AUG98 | 21DEC98 |
| LA204 - Complete and Publish PISA | | | | | |
| Detail Activities (PSS) | | | | | |
| LA204 | Complete and Publish PISA | 2 | 84 | 22DEC98 | 16APR99 |
| LA350 - Emergency Plan Preparation | | | | | |
| Detail Activities (PSS) | | | | | |
| LA350 | Emergency Plan Preparation | 2 | 67 | 09APR98 | 10JUL98 |
| Detail LRP/IPS | | | | | |
| SSNE700 | Prepare a Facility Safety Assessment (FSA) Doc. | 3 | 283 | 01OCT96 | 17NOV97 |
| SSNE706 | Prepare an Operational Safety Assessment (OSA) D | 3 | 283 | 01OCT96 | 17NOV97 |
| SSNE712 | Develop an Emergency Operations Center (EOC) Req | 3 | 283 | 01OCT96 | 17NOV97 |
| SSNE718 | Emergency Plan Preparation | 3 | 450 | 01OCT96 | 17JUL98 |
| SSNE721 | Submit an Emergency Plan to YMSCO for Review | 3 | 0 | | 17JUL98 |
| SSNE724 | Prepare Emergency Response Plan | 3 | 450 | 01OCT96 | 17JUL98 |
| SSNE730 | Dev Emergency Operations Ctr (EOC) Opera & Proce | 3 | 450 | 01OCT96 | 17JUL98 |
| SSNE736 | Emergency Management Plan Maintenance | 3 | 804 | 20JUL98 | 28SEP01 |
| SSNE739 | Submit Dft Emergency Mgmt Plan to YMSCO for Rvw | 3 | 0 | | 28SEP01 |
| LA355 - Write PISA Ch. 1, Introduction | | | | | |
| Detail Activities (PSS) | | | | | |
| LA355 | Write PISA Ch. 1, Introduction | 2 | 66 | 31OCT97 | 06FEB98 |
| LA360 - Prepare Draft License Application | | | | | |
| Detail Activities (PSS) | | | | | |
| LA360 | Prepare Draft License Application | 2 | 284 | 07SEP99 | 06OCT00 |
| Detail LRP/IPS | | | | | |
| SLLA360A | Inc. approp. PISA Chapters in LA | 3 | 60 | 12MAY99* | 05AUG99 |
| SLLA360B | Identify/Dev. Assign. Matrix/Sched.for LA Text | 3 | 30 | 06AUG99 | 17SEP99 |
| SLLA360C | LA Input Authors Guidance Meeting | 3 | 5 | 20SEP99 | 24SEP99 |
| SLLA360D | Writers develop & Provide Input to Lead Authors | 3 | 138 | 27SEP99 | 14APR00 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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Progress Bar
Critical Activity

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CON2

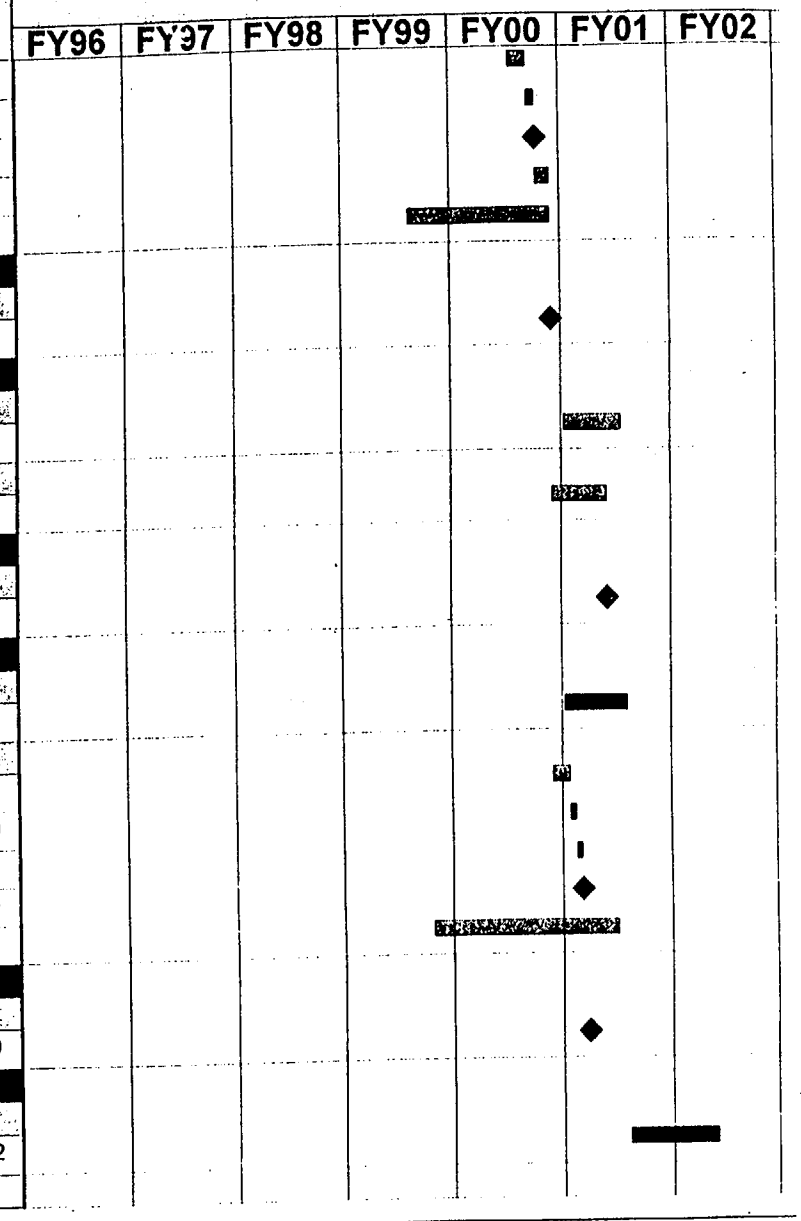
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approved |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SLLA360E | Lead Authors Rev/Revise Chaps. & Ref. Lists | 3 | 40 | 17APR00 | 12JUN00 |
| SLLA360F | Perform Technical & Consistency Edits | 3 | 20 | 13JUN00 | 11JUL00 |
| SLLA360G | Submit LA Draft for YMSCO & M&O Review | 3 | 0 | | 11JUL00 |
| SLLA360H | YMSCO & M&O Review LA Draft/Comment Res. | 3 | 33 | 12JUL00 | 25AUG00 |
| SLLA360P | PA Support to License Application Preparation | 3 | 326 | 12MAY99 | 25AUG00 |
| LA360M2 - Cmpl Prep LA | | | | | |
| Detail Activities (PSS) | | | | | |
| LA360M2 | Complete Prep LA | 2 | 0 | | 25AUG00 |
| LA370 - Prepare Adminstrative record for LA | | | | | |
| Detail Activities (PSS) | | | | | |
| LA370 | Prepare Adminstrative Record for LA | 2 | 130 | 10OCT00* | 17APR01 |
| Detail LRP/IPS | | | | | |
| SLLA370A | Dev. LA Admin. Record/Traceability of Tech Data | 3 | 125 | 28AUG00 | 28FEB01 |
| LA370M2 - Complete Administrative Record for LA | | | | | |
| Detail Activities (PSS) | | | | | |
| LA370M2 | Complete Administrative Record for LA | 2 | 0 | | 28FEB01 |
| LA375 - OCRWM Draft License Application Review | | | | | |
| Detail Activities (PSS) | | | | | |
| LA375 | OCRWM Draft License Application Review | 2 | 152 | 09OCT00 | 08MAY01 |
| Detail LRP/IPS | | | | | |
| SLLA375A | OCRWM Review of Draft License Application | 3 | 40 | 28AUG00 | 24OCT00 |
| SLLA375B | Comment Resolution Meeting via Lead Authors | 3 | 15 | 25OCT00 | 15NOV00 |
| SLLA375C | Comp. Draft Incor. Resolution of OCRWM Comments | 3 | 15 | 16NOV00 | 08DEC00 |
| SLLA375D | Provide Completed LA CRD to YMSCO | 3 | 0 | | 08DEC00 |
| SE620 | Support LA Comment Resolution | 3 | 422 | 27JUL99* | 02APR01 |
| LA375M2 - Cmpl OCRWM LA Review | | | | | |
| Detail Activities (PSS) | | | | | |
| LA375M2 | Cmpl OCRWM LA Review | 2 | 0 | | 22DEC00 |
| LA376 - Complete License Application | | | | | |
| Detail Activities (PSS) | | | | | |
| LA376 | Complete License Application | 2 | 213 | 09MAY01 | 01MAR02 |
| Detail LRP/IPS | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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CON2

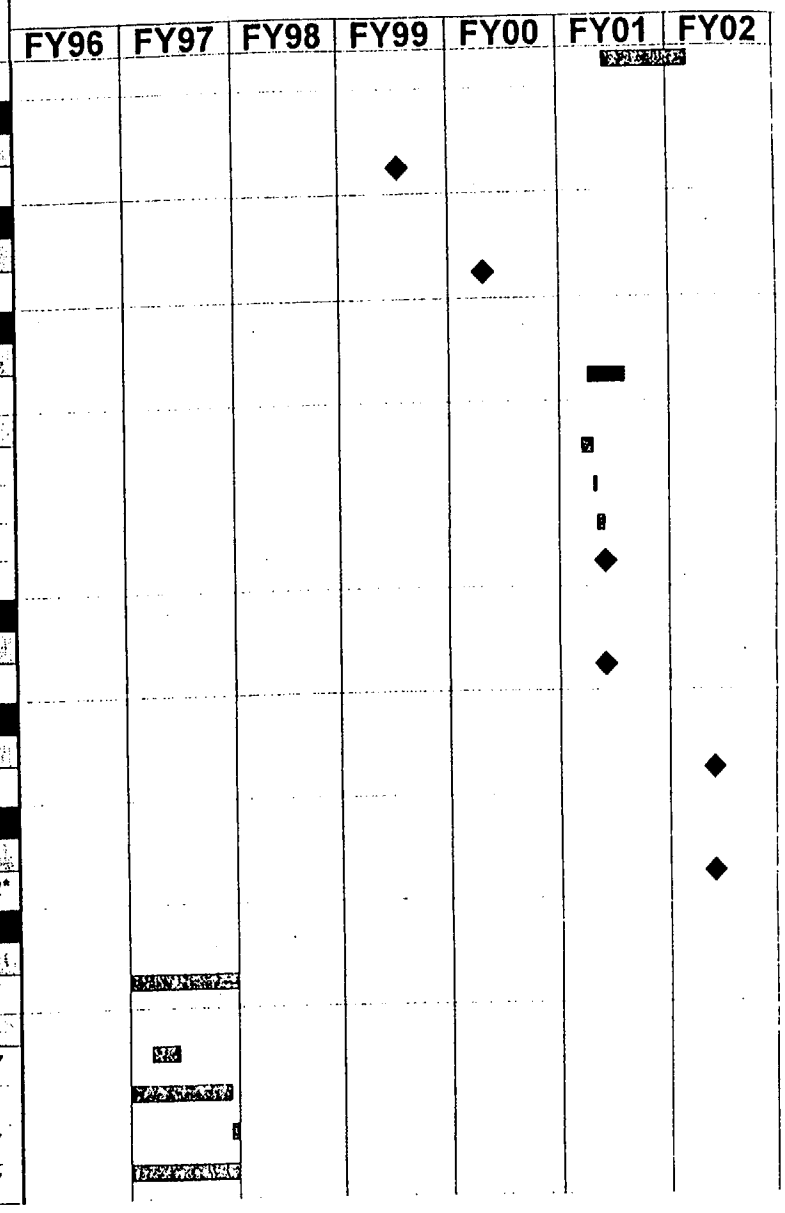
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approved |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SLLA376 | LA and Approp. Corres. to DOE for sub. LA to NRC | 3 | 200 | 01MAR01 | 14DEC01 |
| **LA420M2 - Request Comments on Sufficiency of Sit** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| LA420M2 | Request Comments on Sufficiency of Site Char. | 2 | 0 | | 16APR99 |
| **LA420MX - Sufficiency comments from NRC** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| LA420MX | Sufficiency Comments from NRC | 2 | 0 | | 17JAN00 |
| **LA800 - DOE Draft License Application Review** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| LA800 | DOE Draft License Application Review | 2 | 89 | 04JAN01 | 08MAY01 |
| **Detail LRP/IPS** | | | | | |
| SLLA800A | Non-RW DOE Review of License Application | 3 | 30 | 11DEC00 | 23JAN01 |
| SLLA800B | Comment Review/Resolution Meeting | 3 | 10 | 24JAN01 | 06FEB01 |
| SLLA800C | Prepare Comment Resolution Document | 3 | 15 | 07FEB01 | 28FEB01 |
| SLLA800D | Provide LA Final Draft & CRD to DOE | 3 | 0 | | 28FEB01 |
| **LA800M2 - Cmpl DOE LA Review** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| LA800M2 | Complete DOE LA Review | 2 | 0 | | 28FEB01 |
| **R5181M1 - Complete License Application** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| R5181M1 | Complete License Application | 2 | 0 | | 01MAR02 |
| **R5182M0 - Submit License Application to NRC** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| R5182M0 | Submit License Application to NRC | 2 | 0 | | 01MAR02* |
| **SR300 - License Application Plan** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SR300 | License Application Plan | 2 | 260 | 03OCT96* | 01OCT97 |
| **Detail LRP/IPS** | | | | | |
| SP9103A3 | Provide Support to LA Plan | 3 | 67 | 11DEC96 | 18MAR97 |
| SLSR300A | Prepare License Application Plan | 3 | 230 | 03OCT96* | 03SEP97 |
| SLSR300H | YMSCO Review Draft & Comm. Resolution | 3 | 20 | 04SEP97 | 01OCT97 |
| SLSR300P | PA Support LA Plan Development | 3 | 250 | 03OCT96 | 01OCT97 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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CON2

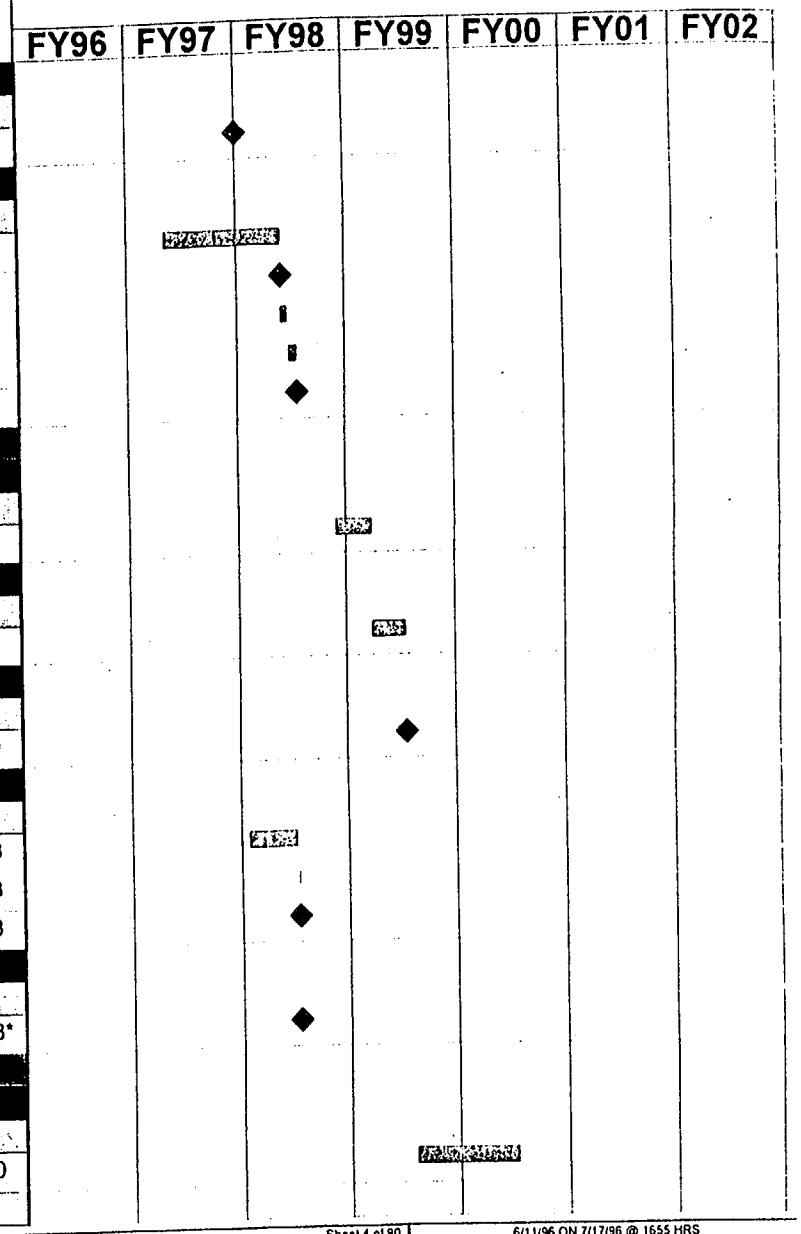
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approved |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| **SR300M2 - Complete License Application Plan** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SR300M2 | Complete License Application Plan | 2 | 0 | | 01OCT97 |
| **Seismic Topical Report** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SLSTR3A | Prepare Seismic Topical Report III | 3 | 269 | 03FEB97* | 27FEB98 |
| SLSTR3B | Submit Draft Seismic TR III for Review | 3 | 0 | | 27FEB98 |
| SLSTR3C | YMSCO Review Seismic Topical Report III | 3 | 15 | 02MAR98 | 20MAR98 |
| SLSTR3D | Finalaize Seismic Topical Report III | 3 | 23 | 23MAR98 | 22APR98 |
| SLSTR3E | Submit Final Seismic Topical Report III to YMSCO | 3 | 0 | | 22APR98 |
| **LA202 - OCRWM review of PISA** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SLLA202A | Support OCRWM Review of PISA | 3 | 81 | 24AUG98 | 21DEC98 |
| **LA204 - Complete and Publish PISA** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SLLA204A | Complete/Publish PISA as YMSCO Document | 3 | 81 | 22DEC98 | 16APR99 |
| **LA204M2 - Cmpl Publish PISA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| LA204M2 | Complete and Publish PISA | 2 | 0 | | 16APR99 |
| **LA355 - Write PISA Ch. 1, Introduction** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SLLA355A | Develop PISA Chapter 1 | 3 | 110 | 31OCT97* | 10APR98 |
| SLLA355F | Review w/Lead Authors & Furnish PISA Chap. 1 | 3 | 2 | 13APR98 | 14APR98 |
| SLLA355G | Submit PISA Chapter 1 to YMSCO | 3 | 0 | | 14APR98 |
| **LA355M2 - Cmpl PISA Ch 1 Introduction** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| LA355M2 | Complete PISA Ch. 1, Introduction | 2 | 0 | | 14APR98* |
| **IS141 - LSS Operations** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| IS141 | LSS Operations | 2 | 245 | 04MAY99* | 10APR00 |
| **Detail LRP/IPS** | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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CON2

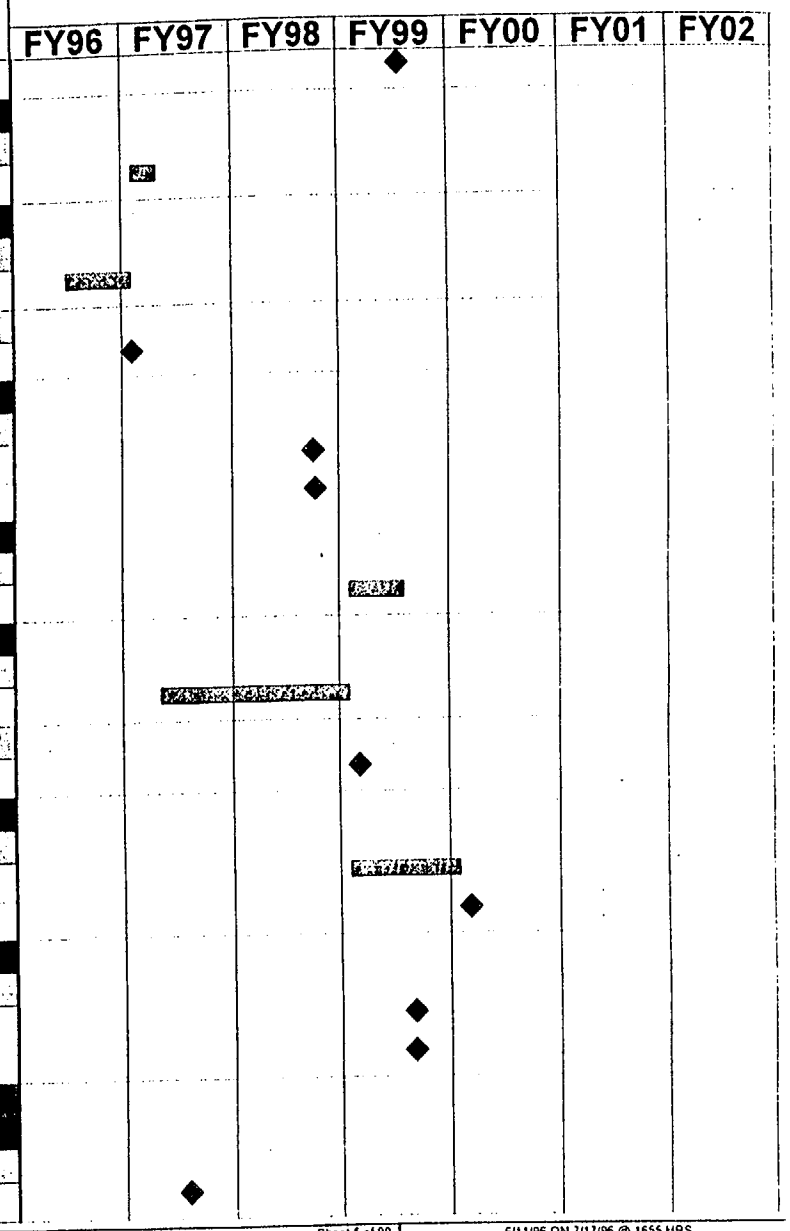
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

Date | Revision | Checked | Approved

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| BM144M3 | Records Reprocessing Complete | 3 | 0 | | 21APR99 |
| IS180 - Perform LSS Make/Buy Analysis | | | | | |
| Detail Activities (PSS) | | | | | |
| IS180 | Perform LSS Make/Buy Analysis | 2 | 66 | 01NOV96 | 31JAN97 |
| IS182 - LSS Acquisition Package | | | | | |
| Detail Activities (PSS) | | | | | |
| IS182 | LSS Acquisition Package | 2 | 154 | 01APR96* | 31OCT96 |
| Detail LRP/IPS | | | | | |
| IS182M2 | Deliver LSS Acquisition Package (*DOE) | 3 | 0 | | 31OCT96 |
| IS190M1X - Latest NRC Identification of LSS Cent | | | | | |
| Detail Activities (PSS) | | | | | |
| IS190M1X | Latest NRC Identification of LSS Center Site | 2 | 0 | | 01JUL98* |
| IS184M2 | NRC-LSS Center Site Identified (*DOE) | 2 | 0 | | 07JUL98* |
| IS195 - LSS Installation and Test (M90) | | | | | |
| Detail Activities (PSS) | | | | | |
| IS195 | LSS Installation and Test (M90) | 2 | 131 | 02NOV98* | 03MAY99 |
| IS200 - Complete LSS Acquisition | | | | | |
| Detail Activities (PSS) | | | | | |
| IS200 | Complete LSS Acquisition | 2 | 455 | 03FEB97 | 30OCT98 |
| Detail LRP/IPS | | | | | |
| BM184M3 | Deliver LSS | 3 | 0 | | 03DEC98 |
| IS201 - NRC Certifies LSS | | | | | |
| Detail Activities (PSS) | | | | | |
| IS201 | NRC Certifies LSS | 2 | 261 | 02NOV98 | 01NOV99 |
| IS2012M2 | NRC Certification (*DOE) | 2 | 0 | | 02DEC99 |
| R9894M1 - LSSARP Acceptance | | | | | |
| Detail Activities (PSS) | | | | | |
| IS2011M2 | LSS Administrator Acceptance (*DOE) | 2 | 0 | | 02JUN99 |
| R9894M1 | LSS Advisory Review Panel Acceptance | 2 | 0 | | 02JUN99 |
| PR15M1 - OCRWM issue Semi-Annual SC Progress Rpt | | | | | |
| Detail Activities (PSS) | | | | | |
| PR15M1 | OCRWM Issue Semi-Annual SC Progress Rpt 15 | 2 | 0 | | 30APR97 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

Early
Progress Bar
Critical Activity

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CON2

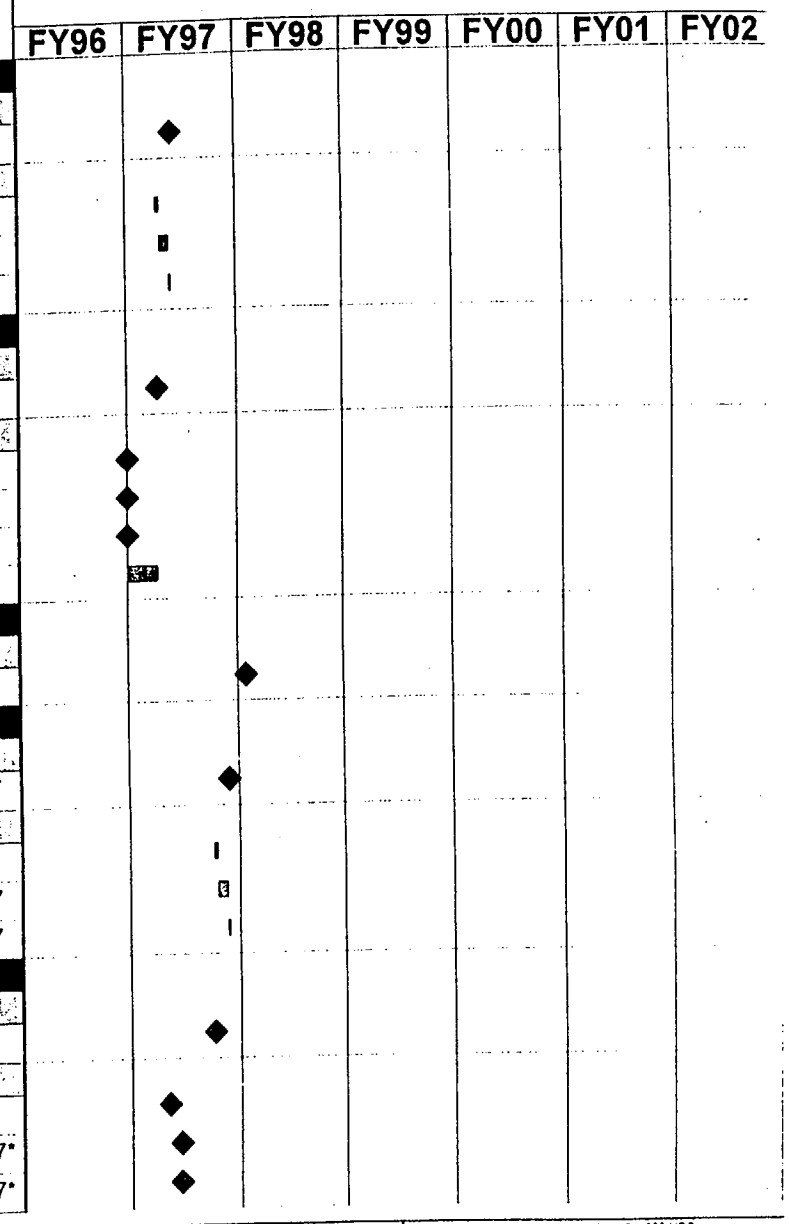
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approve |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| **PR15M2 - YMSCO provides PR 15 Camera-Ready Copy** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PR15M2 | YMSCO provides PR 15 Camera-Ready Copy | 2 | 0 | | 28FEB97 |
| **Detail LRP/IPS** | | | | | |
| SLPR15M1B | YMSCO Review/Concurrence | 3 | 8 | 09JAN97 | 20JAN97 |
| SLPR15M1C | HQ Concurrence & Comment Resolution | 3 | 23 | 21JAN97 | 21FEB97 |
| SLPR15M1D | Prepare Camera-Ready Copy For Release | 3 | 5 | 24FEB97 | 28FEB97 |
| **PR15M3 - Submit Semi Annual Progress Rpt 15 for** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PR15M3 | Submit Semi Annual Progress Rpt 15 for Review | 2 | 0 | | 08JAN97 |
| **Detail LRP/IPS** | | | | | |
| RPPR15M3 | Submit Repository Input to PR15 | 3 | 0 | | 30SEP96 |
| SEPR15M3 | Systems Input to PR 15 | 3 | 0 | | 30SEP96 |
| WPPR15M3 | WPM/WPD Input to Progress Report 15 | 3 | 0 | | 30SEP96 |
| SLPR15M1A | Prep Semi Annual SC Progress Rpt 15 | 3 | 65 | 02OCT96 | 08JAN97 |
| **PR16M1 - OCRWM issue Semi-Annual SC Progress Rpt** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PR16M1 | OCRWM Issue Semi-Annual SC Progress Rpt 16 | 2 | 0 | | 31OCT97 |
| **PR16M2 - YMSCO provides PR 16 Camera-Ready Copy** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PR16M2 | YMSCO Provides PR 16 Camera-Ready Copy | 2 | 0 | | 29AUG97 |
| **Detail LRP/IPS** | | | | | |
| SLPR16M1B | YMSCO Review/Concurrence | 3 | 11 | 09JUL97 | 23JUL97 |
| SLPR16M1C | HQ Concurrence & Comment Resolution | 3 | 22 | 24JUL97 | 22AUG97 |
| SLPR16M1D | Prepare Camera-Ready Copy For Release | 3 | 5 | 25AUG97 | 29AUG97 |
| **PR16M3 - Submit Progress Rprt 16 to YMSCO AMs fo** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PR16M3 | Submit Progress Rprt 16 to YMSCO AMs for Review | 2 | 0 | | 08JUL97 |
| **Detail LRP/IPS** | | | | | |
| SLPR16MA | Issue PR16 Initiation Letter | 3 | 0 | 03FEB97* | |
| RPPR16M3 | Submit Repository Input to PR16 | 3 | 0 | | 17MAR97* |
| SEPR16M3 | Systems Input to PR 16 | 3 | 0 | | 17MAR97* |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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Critical Activity

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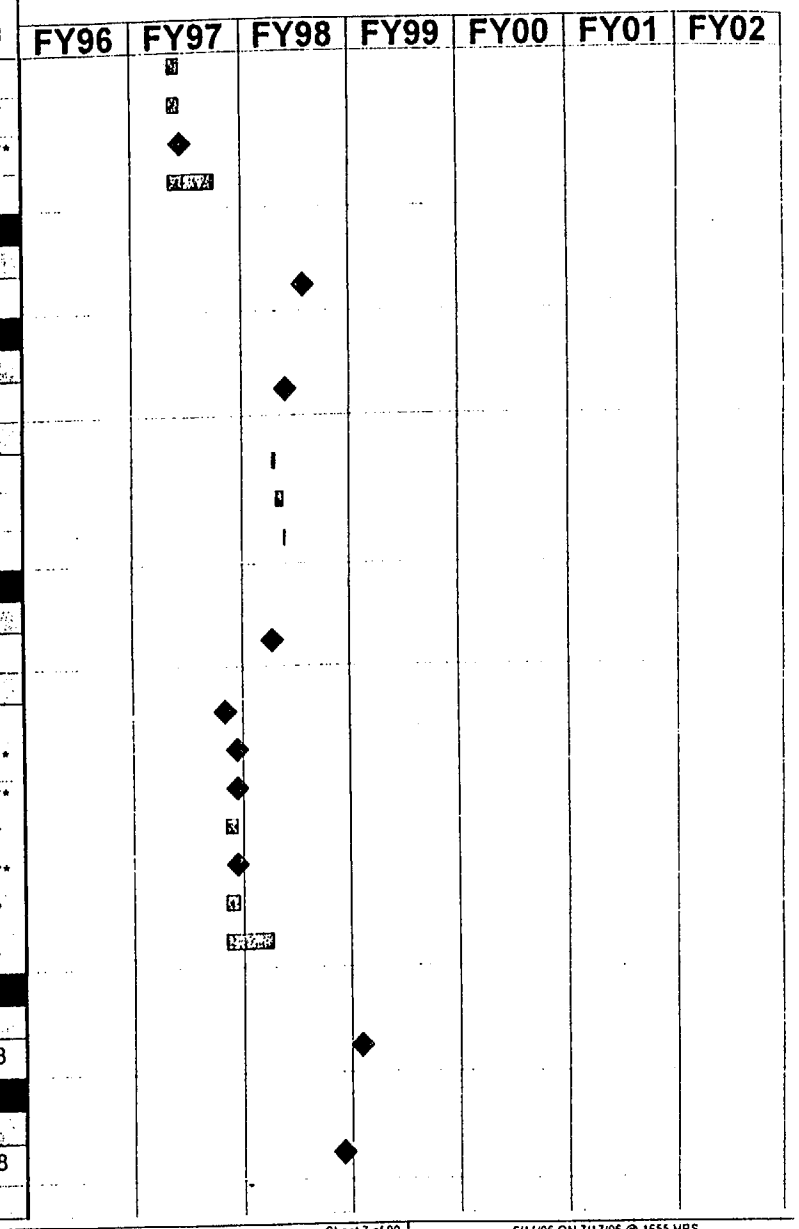
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approv |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SLPR16PA | Prepare/Provide PR16 PA Input | 3 | 30 | 03FEB97 | 17MAR97 |
| SP9041A3 | Provide Input to SC Progress Report 16 | 3 | 30 | 03FEB97 | 17MAR97 |
| WPPR16M3 | WPM/WPD Input to progress Report 16 | 3 | 0 | | 17MAR97* |
| SLPR16M1A | Prep Semi Annual SC Progress Rpt 16 | 3 | 109 | 03FEB97 | 08JUL97 |
| PR17M1 - OCRWM issue Semi-Annual SC Progress Rpt | | | | | |
| Detail Activities (PSS) | | | | | |
| PR17M1 | OCRWM Issue Semi-Annual SC Progress Rpt 17 | 2 | 0 | | 30APR98 |
| PR17M2 - YMSCO provides PR 17 Camera-Ready Copy | | | | | |
| Detail Activities (PSS) | | | | | |
| PR17M2 | YMSCO Provides PR 17 Camera-Ready Copy | 2 | 0 | | 27FEB98 |
| Detail LRP/IPS | | | | | |
| SLPR17M1B | YMSCO Review/Concurrence | 3 | 10 | 08JAN98 | 21JAN98 |
| SLPR17M1C | HQ Concurrence & Comment Resolution | 3 | 21 | 22JAN98 | 20FEB98 |
| SLPR17M1D | Prepare Camera-Ready Copy For Release | 3 | 5 | 23FEB98 | 27FEB98 |
| PR17M3 - Submit Progress Rprt 17 to YMSCO AMs fo | | | | | |
| Detail Activities (PSS) | | | | | |
| PR17M3 | Submit Progress Rprt 17 to YMSCO AMs for Review | 2 | 0 | | 07JAN98 |
| Detail LRP/IPS | | | | | |
| SLPR17MA | Issue PR17 Initiation Letter | 3 | 0 | 01AUG97* | |
| RPPR17M3 | Submit Repository Input to PR17 | 3 | 0 | | 15SEP97* |
| SEPR17M3 | Systems Input to PR 17 | 3 | 0 | | 15SEP97* |
| SLPR17PA | Prepare/Provide PR17 PA Input | 3 | 31 | 01AUG97 | 15SEP97 |
| WPPR17M3 | WPMWPD Input to Progress Report 17 | 3 | 0 | | 15SEP97* |
| SP9042A3 | Provide Input to SC Progress Report 17 | 3 | 36 | 01AUG97 | 22SEP97 |
| SLPR17M1A | Prep Semi Annual Progress Rpt 17 | 3 | 107 | 01AUG97 | 07JAN98 |
| PR18M1 - OCRWM issue Semi-Annual SC Progress Rpt | | | | | |
| Detail Activities (PSS) | | | | | |
| PR18M1 | OCRWM Issue Semi-Annual SC Progress Rpt 18 | 2 | 0 | | 30OCT98 |
| PR18M2 - YMSCO provides PR 18 Camera-Ready Copy | | | | | |
| Detail Activities (PSS) | | | | | |
| PR18M2 | YMSCO Provides PR 18 Camera-Ready Copy | 2 | 0 | | 31AUG98 |
| Detail LRP/IPS | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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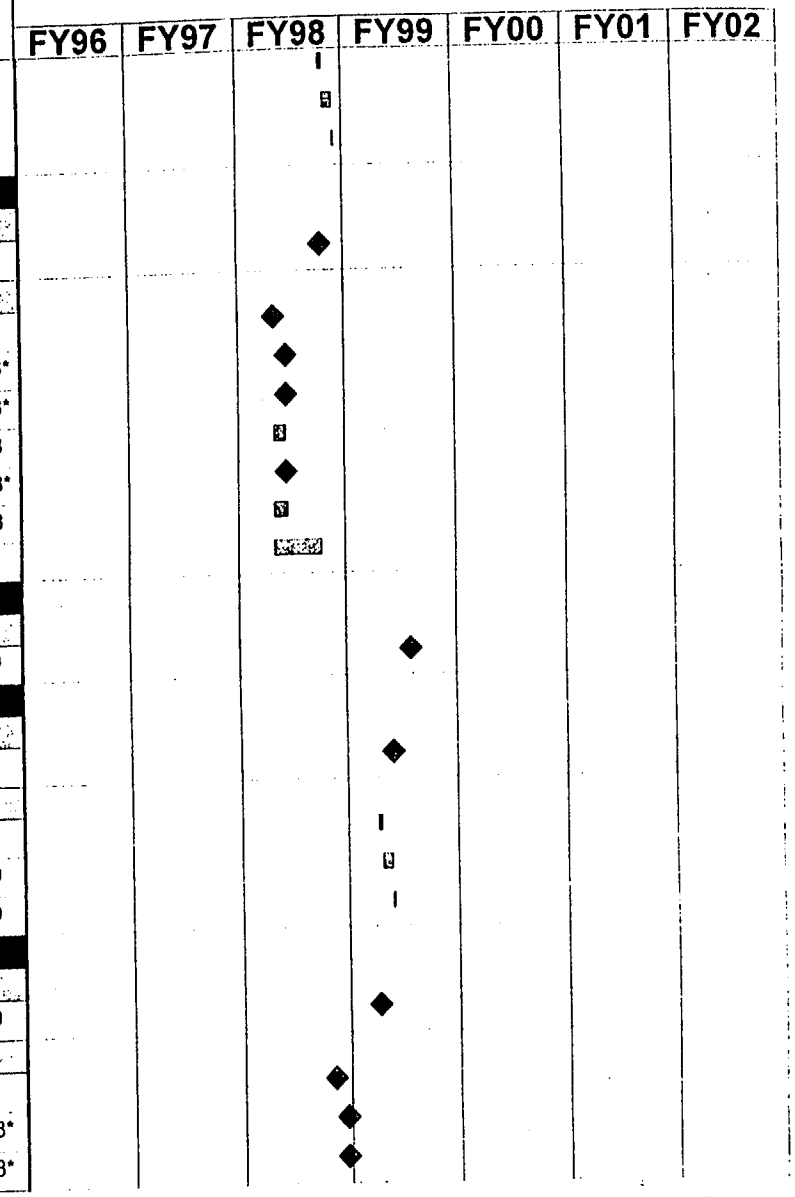
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approved |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SLPR18M1B | YMSCO Review/Concurrence | 3 | 11 | 09JUL98 | 23JUL98 |
| SLPR18M1C | HQ Concurrence & Comment Resolution | 3 | 22 | 24JUL98 | 24AUG98 |
| SLPR18M1D | Prepare Camera-Ready Copy For Release | 3 | 5 | 25AUG98 | 31AUG98 |
| **PR18M3 - Submit Progress Rprt 18 to YMSCO AMs fo** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PR18M3 | Submit Progress Rprt 18 to YMSCO AMs for Review | 2 | 0 | | 08JUL98 |
| **Detail LRP/IPS** | | | | | |
| SLPR18MA | Issue PR18 Initiation Letter | 3 | 0 | 02FEB98* | |
| RPPR18M3 | Submit Repository Input to PR 18 | 3 | 0 | | 13MAR98* |
| SEPR18M3 | Systems Input to PR18 | 3 | 0 | | 13MAR98* |
| SLPR18PA | Prepare/Provide PR18 PA Input | 3 | 29 | 02FEB98 | 13MAR98 |
| WPPR18M3 | WPMWPD Input to Progress Report 18 | 3 | 0 | | 13MAR98* |
| SP9043A3 | Provide Input to SC Progress Report 18 | 3 | 31 | 02FEB98 | 17MAR98 |
| SLPR18M1A | Prep Semi Annual Progress Rpt 18 | 3 | 110 | 02FEB98 | 08JUL98 |
| **PR19M1 - OCRWM issue Semi-Annual SC Progress Rpt** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PR19M1 | OCRWM Issue Semi-Annual SC Progress Rpt 19 | 2 | 0 | | 30APR99 |
| **PR19M2 - YMSCO provides PR 19 Camera-Ready Copy** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PR19M2 | YMSCO Provides PR 19 Camera-Ready Copy | 2 | 0 | | 26FEB99 |
| **Detail LRP/IPS** | | | | | |
| SLPR19M1B | YMSCO Review/Concurrence | 3 | 10 | 06JAN99 | 19JAN99 |
| SLPR19M1C | HQ Concurrence & Comment Resolution | 3 | 22 | 20JAN99 | 19FEB99 |
| SLPR19M1D | Prepare Camera-Ready Copy For Release | 3 | 5 | 22FEB99 | 26FEB99 |
| **PR19M3 - Submit Progress Rprt 19 to YMSCO AMs fo** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PR19M3 | Submit Progress Rprt 19 to YMSCO AMs for Review | 2 | 0 | | 05JAN99 |
| **Detail LRP/IPS** | | | | | |
| SLPR19MA | Issue PR19 Initiation Letter | 3 | 0 | 03AUG98* | |
| RPPR19M3 | Submit Repository Input to PR19 | 3 | 0 | | 15SEP98* |
| SEPR19M3 | Systems Input to PR 19 | 3 | 0 | | 15SEP98* |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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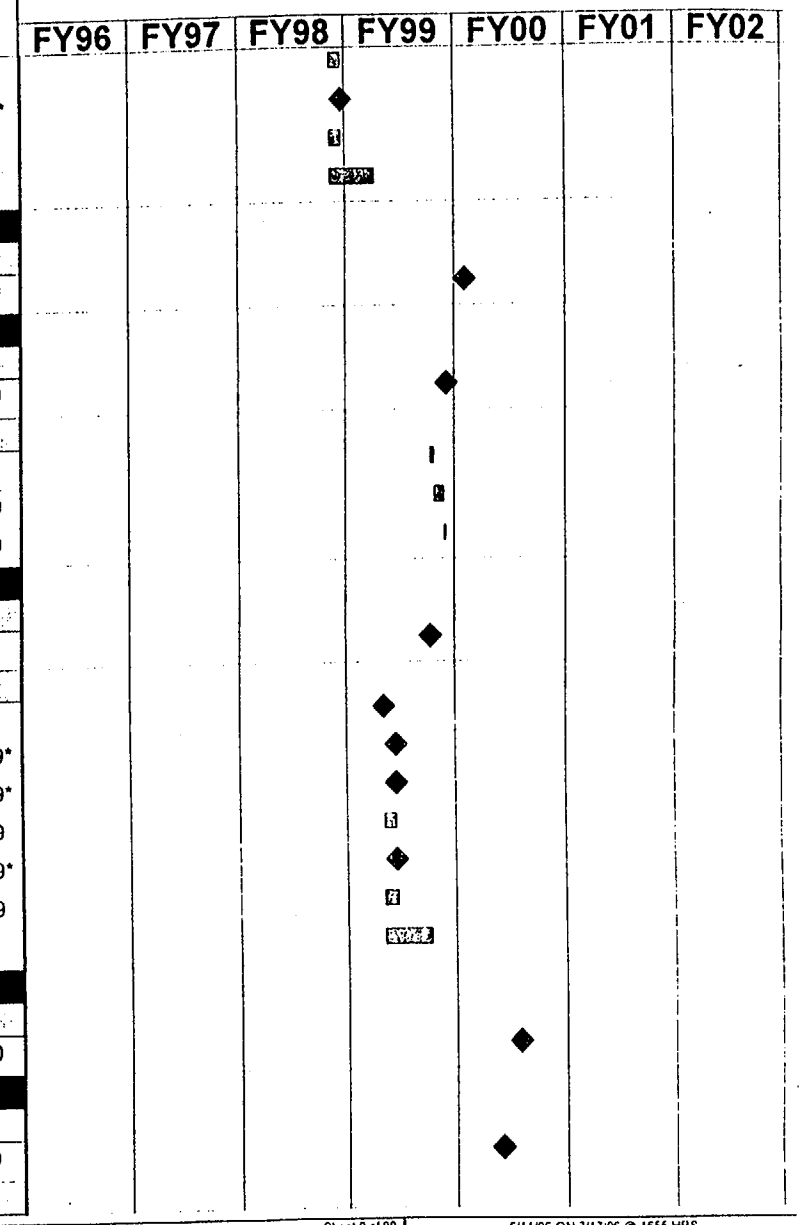
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approve |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SLPR19PA | Prepare/Provide PR19 PA Input | 3 | 31 | 03AUG98 | 15SEP98 |
| WPPR19M3 | WPMWPD Input to Progress Report 19 | 3 | 0 | | 15SEP98* |
| SP9044A3 | Provide Input to SC Progress Report 19 | 3 | 32 | 03AUG98 | 16SEP98 |
| SLPR19M1A | Prep Semi Annual Progress Rpt 19 | 3 | 105 | 03AUG98 | 05JAN99 |
| PR20M1 - OCRWM issue Semi-Annual SC Progress Rpt | | | | | |
| Detail Activities (PSS) | | | | | |
| PR20M1 | OCRWM Issue Semi-Annual SC Progress Rpt 20 | 2 | 0 | | 01NOV99 |
| PR20M2 - YMSCO provides PR 20 Camera-Ready Copy | | | | | |
| Detail Activities (PSS) | | | | | |
| PR20M2 | YMSCO Provides PR 20 Camera-Ready Copy | 2 | 0 | | 31AUG99 |
| Detail LRP/IPS | | | | | |
| SLPR20M1B | YMSCO Review/Concurrence | 3 | 11 | 09JUL99 | 23JUL99 |
| SLPR20M1C | HQ Concurrence & Comment Resolution | 3 | 22 | 26JUL99 | 24AUG99 |
| SLPR20M1D | Prepare Camera-Ready Copy For Release | 3 | 5 | 25AUG99 | 31AUG99 |
| PR20M3 - Submit Progress Rprt 20 to YMSCO AMs fo | | | | | |
| Detail Activities (PSS) | | | | | |
| PR20M3 | Submit Progress Rprt 20 to YMSCO AMs for Review | 2 | 0 | | 08JUL99 |
| Detail LRP/IPS | | | | | |
| SLPR20MA | Issue PR20 Initiation Letter | 3 | 0 | 01FEB99* | |
| RPPR20M3 | Submit Repository Input to PR20 | 3 | 0 | | 15MAR99* |
| SEPR20M3 | Systems Input to PR 20 | 3 | 0 | | 15MAR99* |
| SLPR20PA | Prepare/Provide PR20 PA Input | 3 | 30 | 01FEB99 | 15MAR99 |
| WPPR20M3 | WPM/WPD Input to Progress Report 20 | 3 | 0 | | 15MAR99* |
| SP9045A3 | Provide Input to SC Progress Report 20 | 3 | 32 | 01FEB99 | 17MAR99 |
| SLPR20M1A | Prep Semi Annual Progress Rpt 20 | 3 | 111 | 01FEB99 | 08JUL99 |
| PR21M1 - OCRWM issue Semi-Annual SC Progress Rpt | | | | | |
| Detail Activities (PSS) | | | | | |
| PR21M1 | OCRWM Issue Semi-Annual SC Progress Rpt 21 | 2 | 0 | | 28APR00 |
| PR21M2 - YMSCO provides PR 21 Camera-Ready Copy | | | | | |
| Detail Activities (PSS) | | | | | |
| PR21M2 | YMSCO Provides PR 21 Camera-Ready Copy | 2 | 0 | | 29FEB00 |
| Detail LRP/IPS | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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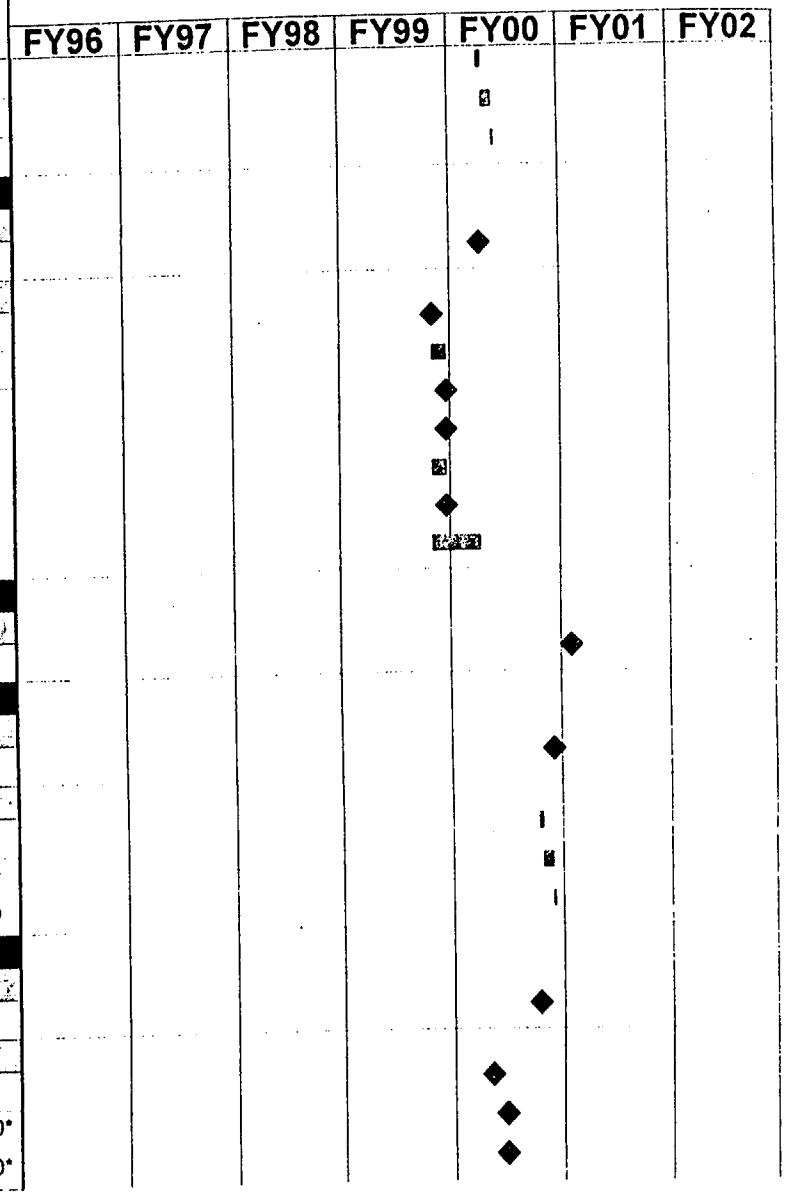
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approved |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SLPR21M1B | YMSCO Review/Concurrence | 3 | 11 | 06JAN00 | 20JAN00 |
| SLPR21M1C | HQ Concurrence & Comment Resolution | 3 | 22 | 21JAN00 | 22FEB00 |
| SLPR21M1D | Prepare Camera-Ready Copy For Release | 3 | 5 | 23FEB00 | 29FEB00 |
| PR21M3 - Submit Progress Rprt 21 to YMSCO AMs fo | | | | | |
| Detail Activities (PSS) | | | | | |
| PR21M3 | Submit Progress Rprt 21 to YMSCO AMs for Review | 2 | 0 | | 05JAN00 |
| Detail LRP/IPS | | | | | |
| SLPR21MA | Issue PR21 Initiation Letter | 3 | 0 | 02AUG99* | |
| SP9046A3 | Provide Input to SC Progress Report 21 | 3 | 33 | 02AUG99 | 16SEP99 |
| RPPR21M3 | Submit Repository Input to PR21 | 3 | 0 | | 17SEP99* |
| SEPR21M3 | Systems Input to PR 21 | 3 | 0 | | 17SEP99* |
| SLPR21PA | Prepare/Provide PR21 PA Input | 3 | 34 | 02AUG99 | 17SEP99 |
| WPPR21M3 | WPMWPD Input to Progress Report 21 | 3 | 0 | | 17SEP99* |
| SLPR21M1A | Prep Semi Annual Progress Rpt 21 | 3 | 106 | 02AUG99 | 05JAN00 |
| PR22M1 - OCRWM issue Semi-Annual SC Progress Rpt | | | | | |
| Detail Activities (PSS) | | | | | |
| PR22M1 | OCRWM Issue Semi-Annual SC Progress Rpt 22 | 2 | 0 | | 31OCT00 |
| PR22M2 - YMSCO provides PR 22 Camera-Ready Copy | | | | | |
| Detail Activities (PSS) | | | | | |
| PR22M2 | YMSCO Provides PR 22 Camera-Ready Copy | 2 | 0 | | 31AUG00 |
| Detail LRP/IPS | | | | | |
| SLPR22M1B | YMSCO Review/Concurrence | 3 | 11 | 11JUL00 | 25JUL00 |
| SLPR22M1C | HQ Concurrence & Comment Resolution | 3 | 22 | 26JUL00 | 24AUG00 |
| SLPR22M1D | Prepare Camera-Ready Copy For Release | 3 | 5 | 25AUG00 | 31AUG00 |
| PR22M3 - Submit Progress Rprt 22 for YMSCO AMs R | | | | | |
| Detail Activities (PSS) | | | | | |
| PR22M3 | Submit Progress Rprt 22 for YMSCO AMs Review | 2 | 0 | | 10JUL00 |
| Detail LRP/IPS | | | | | |
| SLPR22MA | Issue PR22 Initiation Letter | 3 | 0 | 01FEB00* | |
| RPPR22M3 | Submit Repository Input to PR22 | 3 | 0 | | 17MAR00* |
| SEPR22M3 | Systems Input to PR 22 | 3 | 0 | | 17MAR00* |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

Early
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Critical Activity

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YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

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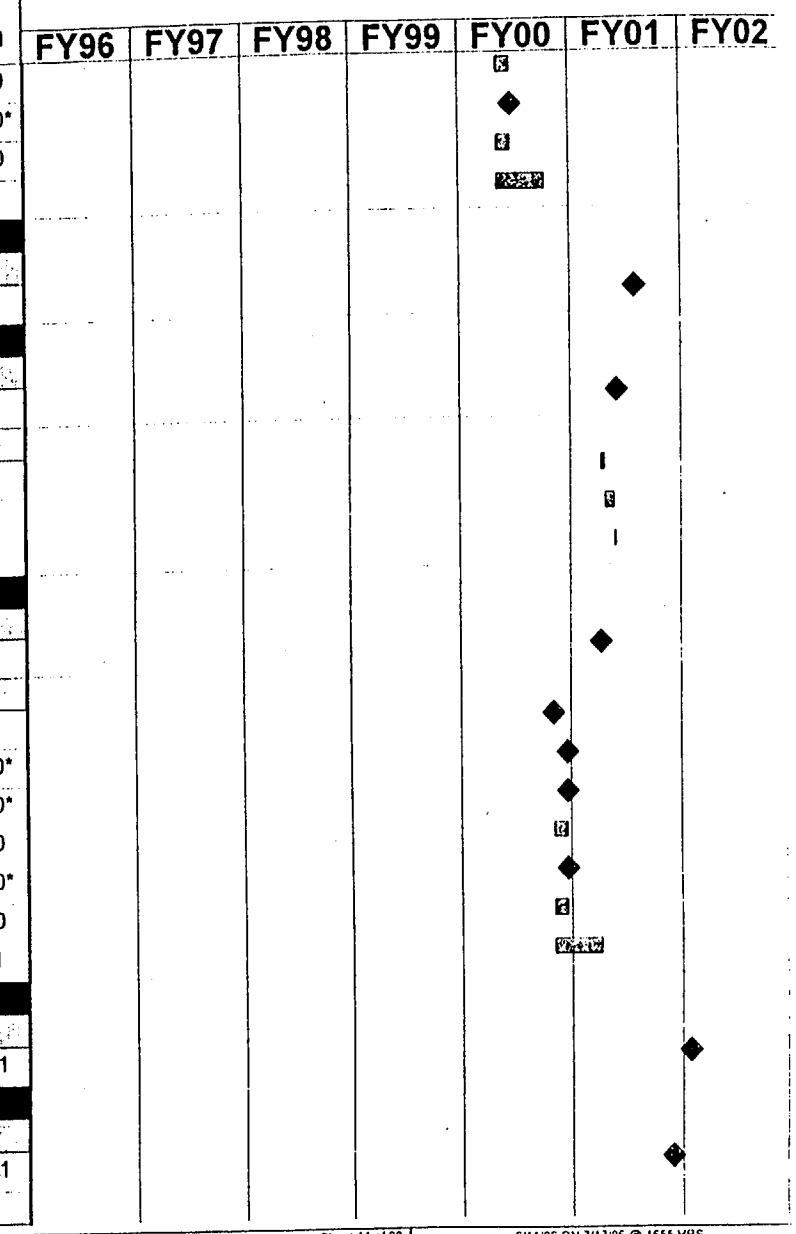
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SLPR22PA | Prepare/Provide PR22 PA Input | 3 | 33 | 01FEB00 | 17MAR00 |
| WPPR22M3 | WPMWPD Input to Progress Report 22 | 3 | 0 | | 17MAR00* |
| SP9047A3 | Provide Input to SC Progress Report 22 | 3 | 34 | 01FEB00 | 20MAR00 |
| SLPR22M1A | Prep Semi Annual Progress Rpt 22 | 3 | 112 | 01FEB00 | 10JUL00 |
| PR23M1 - OCRWM issue Semi-Annual SC Progress Rpt | | | | | |
| Detail Activities (PSS) | | | | | |
| PR23M1 | OCRWM Issue Semi-Annual Progress Rpt 23 | 2 | 0 | | 30APR01 |
| PR23M2 - YMSCO provides PR 23 Camera-Ready Copy | | | | | |
| Detail Activities (PSS) | | | | | |
| PR23M2 | YMSCO Provides PR 23 Camera-Ready Copy | 2 | 0 | | 28FEB01 |
| Detail LRP/IPS | | | | | |
| SLPR23M1B | YMSCO Review/Concurrence | 3 | 10 | 08JAN01 | 19JAN01 |
| SLPR23M1C | HQ Concurrence & Comment Resolution | 3 | 22 | 22JAN01 | 21FEB01 |
| SLPR23M1D | Prepare Camera-Ready Copy For Release | 3 | 5 | 22FEB01 | 28FEB01 |
| PR23M3 - Submit Progress Rprt 23 for YMSCO AMs R | | | | | |
| Detail Activities (PSS) | | | | | |
| PR23M3 | Submit Progress Rprt 23 for YMSCO AMs Review | 2 | 0 | | 05JAN01 |
| Detail LRP/IPS | | | | | |
| SLPR23MA | Issue PR23 Initiation Letter | 3 | 0 | 01AUG00* | |
| RPPR23M3 | Submit Repository Input to PR23 | 3 | 0 | | 15SEP00* |
| SEPR23M3 | Systems Input to PR 23 | 3 | 0 | | 15SEP00* |
| SLPR23PA | Prepare/Provide PR23 PA Input | 3 | 33 | 01AUG00 | 15SEP00 |
| WPRP23M3 | WPMWPD Input to Progress Report 23 | 3 | 0 | | 15SEP00* |
| SP9048A3 | Provide Input to SC Progress Report 23 | 3 | 34 | 01AUG00 | 18SEP00 |
| SLPR23M1A | Prep Semi Annual Progress Rpt 23 | 3 | 107 | 01AUG00 | 05JAN01 |
| PR24M1 - OCRWM Issue Semi Annual Progress Rpt 24 | | | | | |
| Detail Activities (PSS) | | | | | |
| PR24M1 | OCRWM Issue Semi Annual Progress Rpt 24 | 2 | 0 | | 31OCT01 |
| PR24M2 - YMSCO provides PR 24 Camera-Ready Copy | | | | | |
| Detail Activities (PSS) | | | | | |
| PR24M2 | YMSCO Provides PR 24 Camera-Ready Copy | 2 | 0 | | 31AUG01 |
| Detail LRP/IPS | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
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Critical Activity

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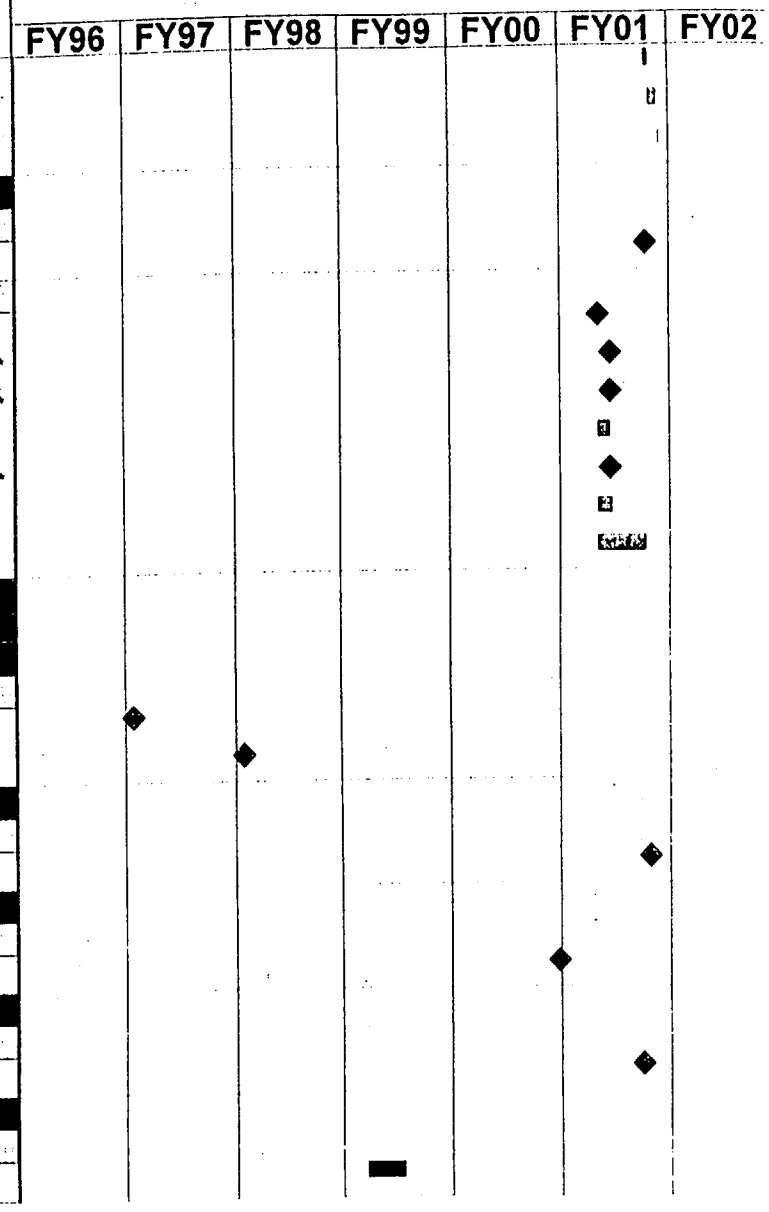
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approv |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SLPR24M1B | YMSCO Review/Concurrence | 3 | 11 | 11JUL01 | 25JUL01 |
| SLPR24M1C | HQ Concurrence & Comment Resolution | 3 | 22 | 26JUL01 | 24AUG01 |
| SLPR24M1D | Prepare Camera-Ready Copy For Release | 3 | 5 | 27AUG01 | 31AUG01 |
| PR24M3 - Submit Progress Rprt 24 for YMSCO AMs R | | | | | |
| Detail Activities (PSS) | | | | | |
| PR24M3 | Submit Progress Rprt 24 for YMSCO AMs Review | 2 | 0 | | 10JUL01 |
| Detail LRP/IPS | | | | | |
| SLPR24MA | Issue PR24 Initiation Letter | 3 | 0 | 01FEB01* | |
| RPPR24M3 | Submit Repository Input to PR24 | 3 | 0 | | 16MAR01* |
| SEPR24M3 | Systems Input to PR 24 | 3 | 0 | | 16MAR01* |
| SLPR24PA | Prepare/Provide PR24 PA Input | 3 | 31 | 01FEB01 | 16MAR01 |
| WPPR24M3 | WPMWPD Input to Progress Report 24 | 3 | 0 | | 16MAR01* |
| SP9049A3 | Provide Input to SC Progress Report 24 | 3 | 34 | 01FEB01 | 21MAR01 |
| SLPR24M1A | Prep Semi Annual Progress Rpt 24 | 3 | 111 | 01FEB01 | 10JUL01 |
| Notice of Proposed 10CFR960 Rule Making | | | | | |
| Detail LRP/IPS | | | | | |
| SLNR1M1 | Publish Notice of Proposed 10CFR960 Rulemaking | 3 | 0 | | 24OCT96 |
| SLNR2M1 | Publish 10CFR960 Final Rule | 3 | 0 | | 28OCT97 |
| R5200M0 - Secretary Issue SR to President | | | | | |
| Detail Activities (PSS) | | | | | |
| R5200M0 | Secretary Issue SR to President | 2 | 0 | | 27JUL01 |
| R5210M1 - Secretary Publishes Notice of Consider | | | | | |
| Detail Activities (PSS) | | | | | |
| R5210M1 | Secretary Publishes Notice of Consideration | 2 | 0 | | 21SEP00 |
| R5220M0 - Secretary Notifies State of Site Selec | | | | | |
| Detail Activities (PSS) | | | | | |
| R5220M0 | Secretary Notifies State of Site Selection | 2 | 0 | | 27JUN01 |
| SR205 - Prepare Draft 10CFR960 Compliance Report | | | | | |
| Detail Activities (PSS) | | | | | |
| SR205 | Prepare Draft 10CFR960 Compliance Report | 2 | 88 | 17DEC98 | 19APR99 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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CON2

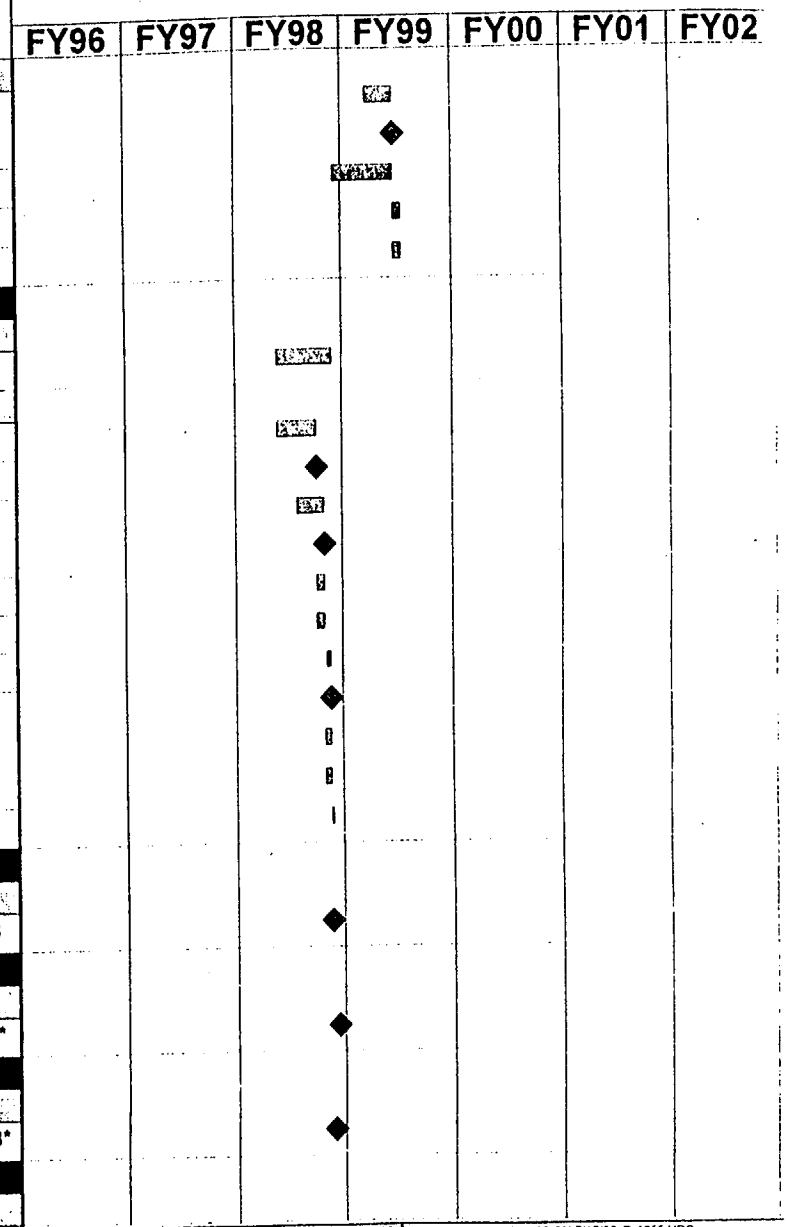
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approv |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| **Detail LRP/IPS** | | | | | |
| SLSR205A | Prepare 10CFR960 Compliance Draft Report | 3 | 64 | 17DEC98* | 19MAR99 |
| SLSR205B | Submit 10CFR960 Compliance Draft Report | 3 | 0 | | 19MAR99 |
| SSNE620 | Prepare Environ. Input for 10CFR960 Compl. Rpt. | 3 | 134 | 03SEP98* | 19MAR99 |
| SLSR205C | M&O Review 10CFR960 Compliance Draft Report | 3 | 20 | 22MAR99 | 16APR99 |
| SLSR205D | YMSCO Review 10CFR960 Compliance Report | 3 | 20 | 22MAR99 | 16APR99 |
| SR390 - Prepare Technical Record for VA | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SR390 | Prepare Technical Record for VA | 2 | 130 | 23FEB98* | 25AUG98 |
| **Detail LRP/IPS** | | | | | |
| SLSR390A | Prepare Draft Technical Record for VA | 3 | 92 | 23FEB98* | 01JUL98 |
| SLSR390B | Submit Draft VA Technical Record for Review | 3 | 0 | | 01JUL98 |
| SLSR390R | Prepare Draft VA Letter Report | 3 | 64 | 29APR98 | 29JUL98 |
| SLSR390S | Submit Draft VA Letter Report for Review | 3 | 0 | | 29JUL98 |
| SLSR390C | M&O Review Draft VA Technical Record | 3 | 21 | 02JUL98 | 31JUL98 |
| SLSR390D | YMSCO Review Draft VA Technical Record | 3 | 21 | 02JUL98 | 31JUL98 |
| SLSR390E | Finalize VA Technical Record | 3 | 12 | 03AUG98 | 18AUG98 |
| SLSR390F | Submit VA Technical Record to YMSCO | 3 | 0 | | 18AUG98 |
| SLSR390T | M&O Review Draft VA Letter Report | 3 | 15 | 30JUL98 | 19AUG98 |
| SLSR390U | YMSCO Review Draft VA Letter Report | 3 | 15 | 30JUL98 | 19AUG98 |
| SLSR390V | Finalize VA Letter Report | 3 | 5 | 20AUG98 | 26AUG98 |
| SR390M2 - Complete Technical Record for VA | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SR390M2 | Complete Technical Record for VA | 2 | 0 | | 18AUG98 |
| SR400M1 - OCRWM Accepts Viability Assessment | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SR400M1 | OCRWM Accepts Viability Assessment | 2 | 0 | | 04SEP98* |
| SR400M2 - YMSCO Accepts Viability Assessment | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SR400M2 | YMSCO Accepts Viability Assessment | 2 | 0 | | 28AUG98* |
| SR440 - Prepare for Consideration Hearings | | | | | |
| **Detail Activities (PSS)** | | | | | |

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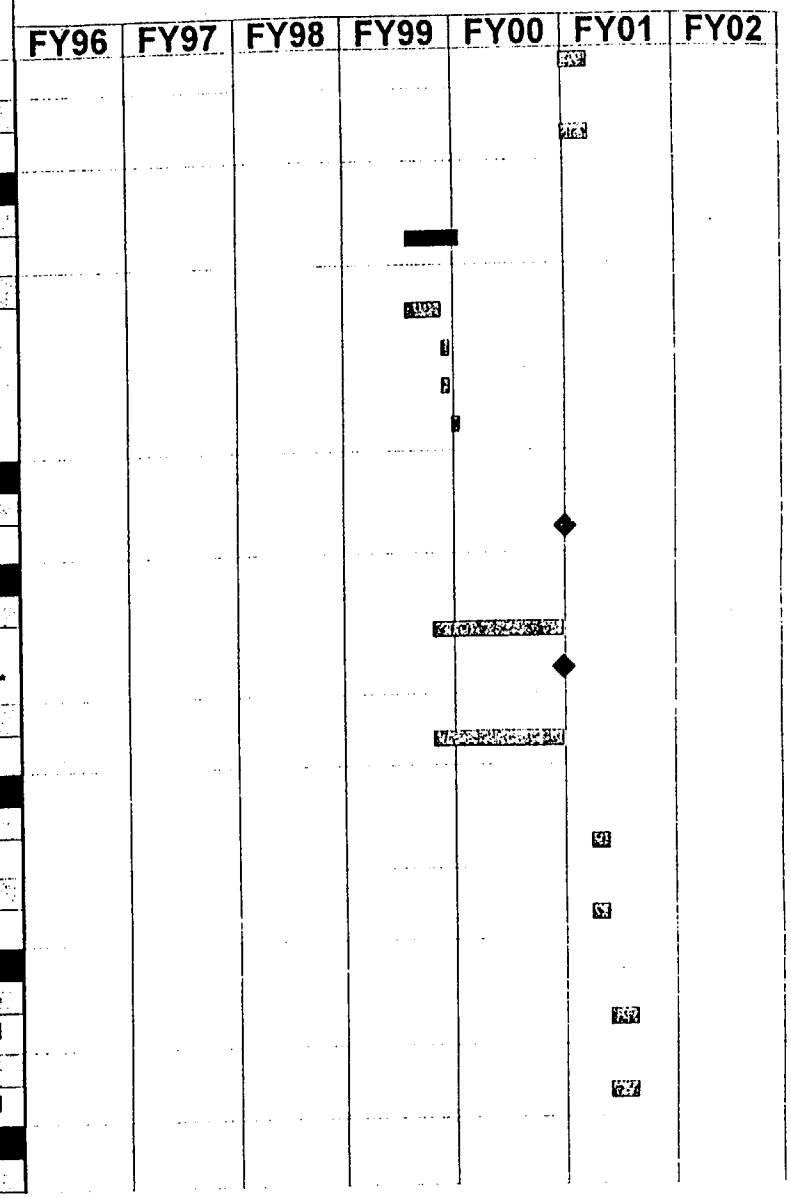
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approv |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SR440 | Prepare for Consideration Hearings | 2 | 66 | 22SEP00* | 22DEC00 |
| Detail LRP/IPS | | | | | |
| SLSR440A | Prepare for Consideration Hearings | 3 | 62 | 22SEP00 | 22DEC00 |
| SR445 - Prepare Admin. Record for Site Rec | | | | | |
| Detail Activities (PSS) | | | | | |
| SR445 | Prepare Admin. Record for Site Rec. | 2 | 130 | 20APR99 | 22OCT99 |
| Detail LRP/IPS | | | | | |
| SLSR445A | Prepare Administrative Record for SR | 3 | 87 | 20APR99* | 20AUG99 |
| SLSR445B | M&O Review Administrative Record for SR | 3 | 19 | 23AUG99 | 17SEP99 |
| SLSR445C | YMSCO Review Administrative Record for SR | 3 | 19 | 23AUG99 | 17SEP99 |
| SLSR445D | Finalize Administrative Record for SR | 3 | 24 | 20SEP99 | 22OCT99 |
| SR445M2 - Compl Admin Record for Site Rec | | | | | |
| Detail Activities (PSS) | | | | | |
| SR445M2 | Complete Admin Record for Site Recommendation | 2 | 0 | | 29SEP00 |
| SR455 - Prepare Supporting Doc. for Site Rec | | | | | |
| Detail Activities (PSS) | | | | | |
| SR455 | Prepare Supporting Docs. for Site Rec. | 2 | 307 | 21JUL99 | 21SEP00 |
| SR455M2A | YMSCO Submits Draft Site Rec to OCRWM | 2 | 0 | | 21SEP00* |
| Detail LRP/IPS | | | | | |
| SLSR455A | Prepare Supporting Documentation for SR | 3 | 296 | 21JUL99 | 21SEP00 |
| SR457 - Conduct Consideration Hearings | | | | | |
| Detail Activities (PSS) | | | | | |
| SR457 | Conduct Consideration Hearings | 2 | 45 | 25DEC00* | 23FEB01 |
| Detail LRP/IPS | | | | | |
| SLSR457A | Participate in & Conduct Consideration Hearings | 3 | 42 | 26DEC00 | 23FEB01 |
| SR458 - Comment Consideration | | | | | |
| Detail Activities (PSS) | | | | | |
| SR458 | Comment Consideration | 2 | 66 | 26FEB01* | 28MAY01 |
| Detail LRP/IPS | | | | | |
| SLSR458A | Rev Consideration Hearing Comments/Prep Response | 3 | 65 | 26FEB01 | 25MAY01 |
| SR459 - OCRWM Submits Proposed SR to Secretary | | | | | |
| Detail Activities (PSS) | | | | | |

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| Project Start | 01OCT95 |
| Project Finish | 01MAR02 |
| Data Date | 01OCT95 |
| Plot Date | 17JUL96 |

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YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)

Sheet 14 of 90

6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approved |
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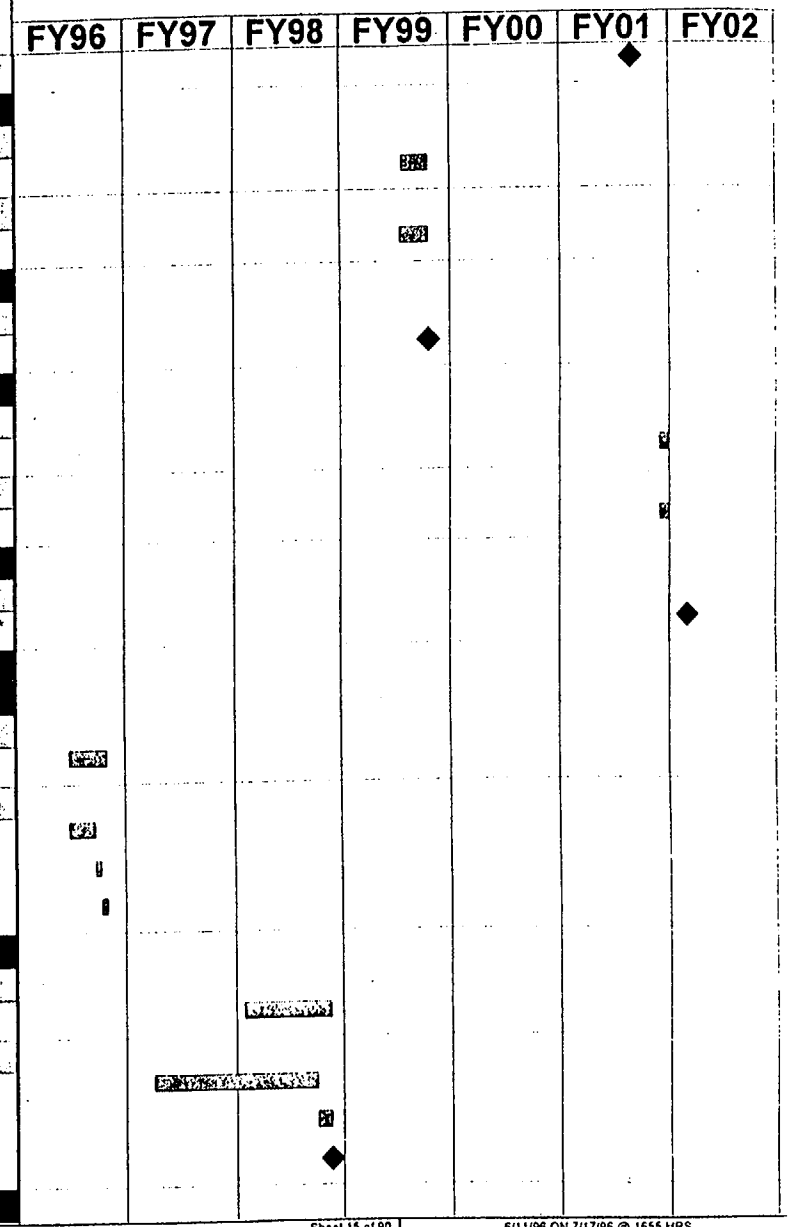
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SR459M2 | OCRWM Submits Prop Site Rec to Sec | 2 | 0 | | 25MAY01* |
| SR506 - Finalize 10CFR960 Compliance Report | | | | | |
| Detail Activities (PSS) | | | | | |
| SR506 | Finalize 10CFR960 Compliance Report | 2 | 66 | 20APR99 | 20JUL99 |
| Detail LRP/IPS | | | | | |
| SLSR506A | Finalize 10CFR960 Compliance Report | 3 | 65 | 19APR99 | 20JUL99 |
| SR506M2 - Complete 10CFR960 Compliance Report | | | | | |
| Detail Activities (PSS) | | | | | |
| SR506M2 | Complete 10CFR960 Compliance Report | 2 | 0 | | 20JUL99 |
| SR800X - Pres Recommends Site Rec to Congress | | | | | |
| Detail Activities (PSS) | | | | | |
| SR800X | Pres Recommends Site Rec to Congress | 2 | 24 | 29AUG01* | 01OCT01 |
| Detail LRP/IPS | | | | | |
| SR800XA | Support Pres Site Rec to Congress | 3 | 23 | 29AUG01 | 01OCT01 |
| SR805MX - Site Designation is Effective | | | | | |
| Detail Activities (PSS) | | | | | |
| SR805MX | Site Designation is Effective | 2 | 0 | | 29NOV01* |
| LA190 - Prepare PISA Management Plan | | | | | |
| Detail Activities (PSS) | | | | | |
| LA190 | Prepare PISA Management Plan | 2 | 89 | 01APR96* | 01AUG96 |
| Detail LRP/IPS | | | | | |
| SLLA190A | Prepare PISA Management Plan | 3 | 59 | 01APR96* | 21JUN96 |
| SLLA190G | YMSCO Review/Comment Resolution | 3 | 14 | 24JUN96 | 12JUL96 |
| SLLA190H | Finalize PISA Management Plan | 3 | 14 | 15JUL96 | 01AUG96 |
| LA200 - Prepare Project Integrated Safety Assess | | | | | |
| Detail Activities (PSS) | | | | | |
| LA200 | Prepare Project Integrated Safety Assessment | 2 | 211 | 31OCT97 | 21AUG98 |
| Detail LRP/IPS | | | | | |
| SLLA200A | Draft PISA Chapters Development | 3 | 377 | 02JAN97* | 30JUN98 |
| SLLA200F | Finalize PISA | 3 | 37 | 01JUL98 | 21AUG98 |
| SLLA200G | Submit PISA to YMSCO | 3 | 0 | | 21AUG98 |
| LA200M2 - YMSCO Cmpl. Project Integrated Safety | | | | | |




Project Start 01OCT95
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YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



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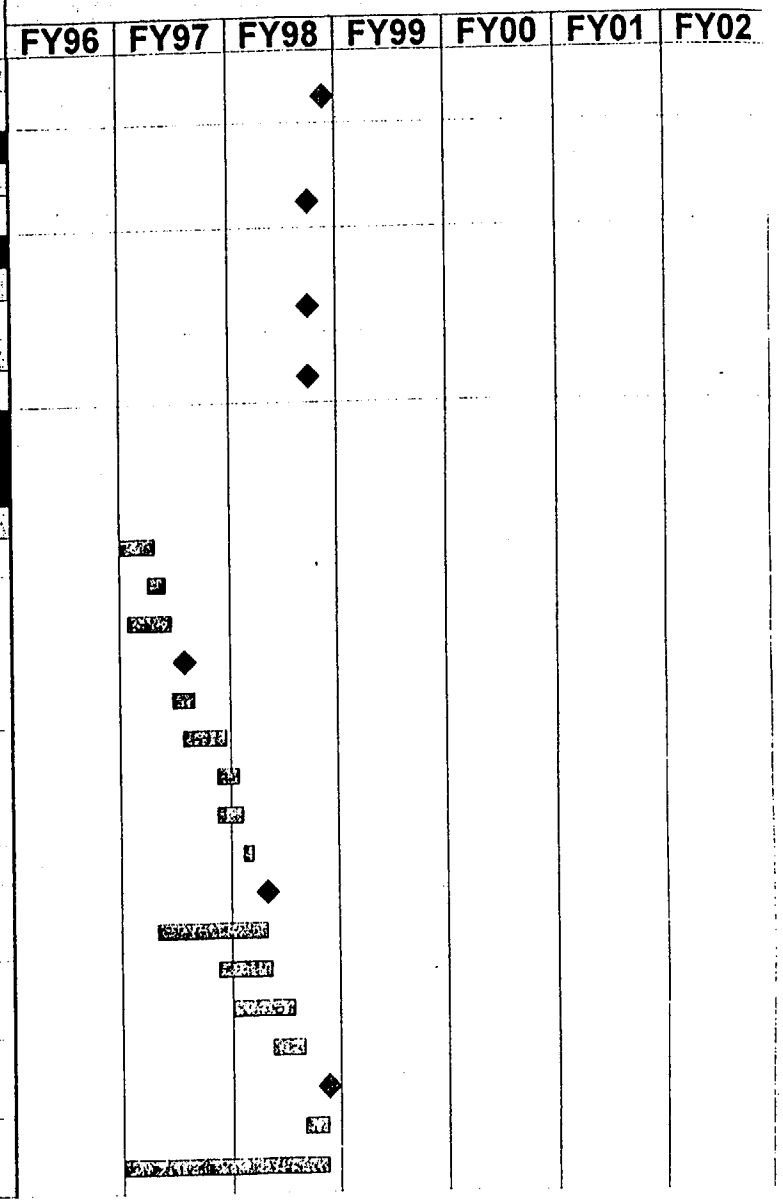
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| Detail Activities (PSS) | | | | | |
| LA200M2 | YMSCO Cmpl. Project Integrated Safety Assessment | 2 | 0 | | 21AUG98 |
| MG010M2 - PISA Chapters 3,4,5,6,9,11 Design/Op | | | | | |
| Detail Activities (PSS) | | | | | |
| MG010M2 | PISA Chapters 2,3,4,5,6,9,11 Design/Ops/Site | 2 | 0 | | 29JUN98* |
| ST3290M2 - PISA Chapter 2 Site/Environmental | | | | | |
| Detail Activities (PSS) | | | | | |
| ST3290M2 | PISA Chapter 2 Site/Environmental | 2 | 0 | | 29JUN98 |
| Detail LRP/IPS | | | | | |
| SP3290M3 | Complete Input to PISA Chapter 2 | 3 | 0 | | 29JUN98 |
| PA164 - Preclosure PA-VA/PISA Ch. 7 | | | | | |
| Detail LRP/IPS | | | | | |
| SL164A1 | Plan/Organize PA-VA/PISA Chapter 7 | 3 | 80 | 01OCT96 | 28JAN97 |
| SL164B1 | Identify DBE Activity Screening Events | 3 | 42 | 02JAN97 | 03MAR97 |
| SL164C1 | Review/Analyse Preclosure Process Models | 3 | 99 | 31OCT96 | 26MAR97 |
| SL164C2 | Receive CDA Document | 3 | 0 | | 30APR97* |
| SL164D1 | Combine Process Models from PA | 3 | 48 | 27MAR97 | 03JUN97 |
| SL164F1 | Review Assumptions in Analysis & Document | 3 | 105 | 24APR97 | 22SEP97 |
| SL164E1 | Run Analyses PA | 3 | 52 | 18AUG97 | 30OCT97 |
| SL164G1 | Conduct Reference VA Evaluation | 3 | 60 | 18AUG97 | 12NOV97 |
| SL164H1 | Present Reference Case to M&O & YMSCO | 3 | 22 | 13NOV97 | 16DEC97 |
| SS100M3 | Complete Section 7.1 of the PISA | 3 | 0 | | 30JAN98 |
| SSNE100 | Preclosure PA/VA/PISA Chap. 7 | 3 | 253 | 29JAN97 | 30JAN98 |
| SL164J1 | Conduct Sensitivity/Uncertainty Analysis | 3 | 120 | 18AUG97 | 10FEB98 |
| SE560 | Support Ch-7 PISA Development | 3 | 145 | 01OCT97 | 30APR98 |
| SL164L1 | Produce Draft Precl PA-VA/PISA Ch 7 Document | 3 | 75 | 11FEB98 | 28MAY98 |
| SL164M3B | Submit Precl PA-VA/PISA Ch 7 to YMSCO | 3 | 0 | | 21AUG98 |
| SL164N1 | Review/Revise/Finalize PA VA Report | 3 | 60 | 29MAY98 | 21AUG98 |
| SL164N2 | MANAGE PA-VA/PISA Chapter 7 Development | 3 | 475 | 01OCT96 | 21AUG98 |

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PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



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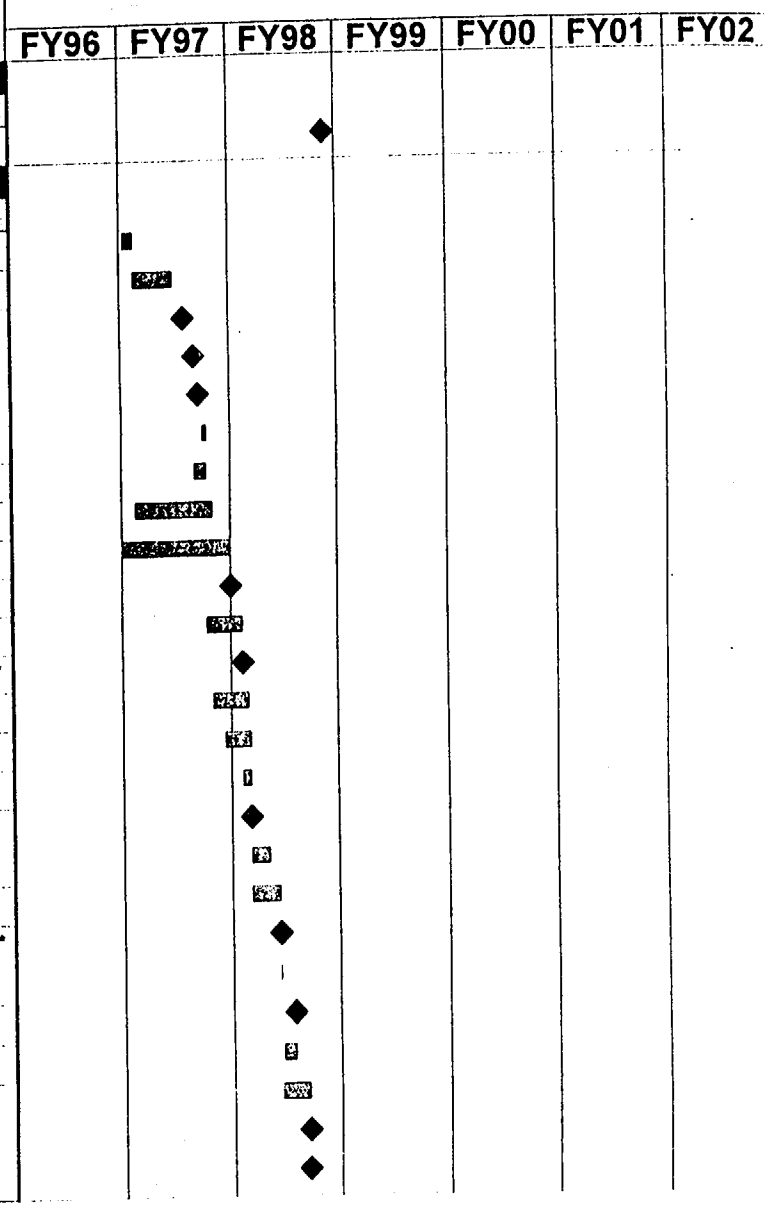
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| PA164M2 - Cmpl Preclosure PA-VA/PISA Ch. 7 | | | | | |
| Detail Activities (PSS) | | | | | |
| PA164M2 | Cmpl Preclosure PA-VA/PISA Ch. 7 | 2 | 0 | | 21AUG98* |
| PA230 - TSPA-VA/PISA Ch. 8 Analyses/Doc. | | | | | |
| Detail LRP/IPS | | | | | |
| SL2302 | Present TSPA-1995 ed 1993 to Peer Review | 3 | 24 | 15OCT96* | 18NOV96 |
| SL2304 | Define Software for Use in TSPA-VA | 3 | 90 | 19NOV96 | 31MAR97 |
| SL2305A | Receive Draft Biosphere Model from 1.2.8 | 3 | 0 | | 01MAY97 |
| SL2300 | Data Feed from PA105 | 3 | 0 | | 03JUN97* |
| SL2303 | Receive TSPA Peer Review Interim Report (SR500) | 3 | 0 | | 20JUN97* |
| SL230D | Revise TSPA-VA Outline (PISA CH8) | 3 | 10 | 02JUL97 | 16JUL97 |
| SL2305E | Conduct Biosphere Model Workshop/Revise Draft | 3 | 33 | 02JUN97 | 17JUL97 |
| SL23021 | Support TSPA-1995ed 1993 Peer Review | 3 | 177 | 19NOV96 | 01AUG97 |
| SSNE602 | TSPA-VA Biosphere Data Development | 3 | 251 | 01OCT96* | 30SEP97 |
| SSNE608 | Deliver Biosphere Model Output | 3 | 0 | | 30SEP97 |
| SL2305G | Conduct Biosphere Abstraction Sensitivity Analys | 3 | 80 | 18JUL97 | 10NOV97 |
| SL230F3 | Provide Input to Model Abs. Peer Review (SR540) | 3 | 0 | | 12NOV97* |
| SL230B1 | Id/Develop/Present/Revise Key Assumptions | 3 | 80 | 05AUG97 | 01DEC97 |
| SL230F | Develop/Analyze/Revise Reference Case | 3 | 61 | 11SEP97 | 10DEC97 |
| SL2305J | Review Biosphere Model Abstractions | 3 | 20 | 12NOV97 | 11DEC97 |
| SL2305L | Provide Biosphere Data to Tech Data Base | 3 | 0 | | 11DEC97 |
| SL2305K | Document Biosphere Model Abstractions | 3 | 40 | 12DEC97 | 09FEB98 |
| SL230H | Sensitivity Analyses-Parameters/Models/Scenarios | 3 | 62 | 11DEC97 | 11MAR98 |
| SL230F4 | Provide Input to TSPA Peer Review (SR250) | 3 | 0 | | 13MAR98* |
| SL230J | Present Sensitivity Analysis Results PISA CH8 | 3 | 2 | 12MAR98 | 13MAR98 |
| SS105M3 | Complete Section 8.5.7 of the PISA | 3 | 0 | | 29APR98 |
| SL230J3 | Review Revised Tech Docs for Inc. in TSPA-VA | 3 | 34 | 16MAR98 | 30APR98 |
| SL230K | Prepare Draft Document TSPA-VA/PISA CH8 | 3 | 65 | 13MAR98 | 12JUN98 |
| SL230K1 | Provide Input to LA200 | 3 | 0 | | 12JUN98 |
| SL230Q | Provide TSPA-VA PISA CH8 Data to TDB | 3 | 0 | | 12JUN98 |

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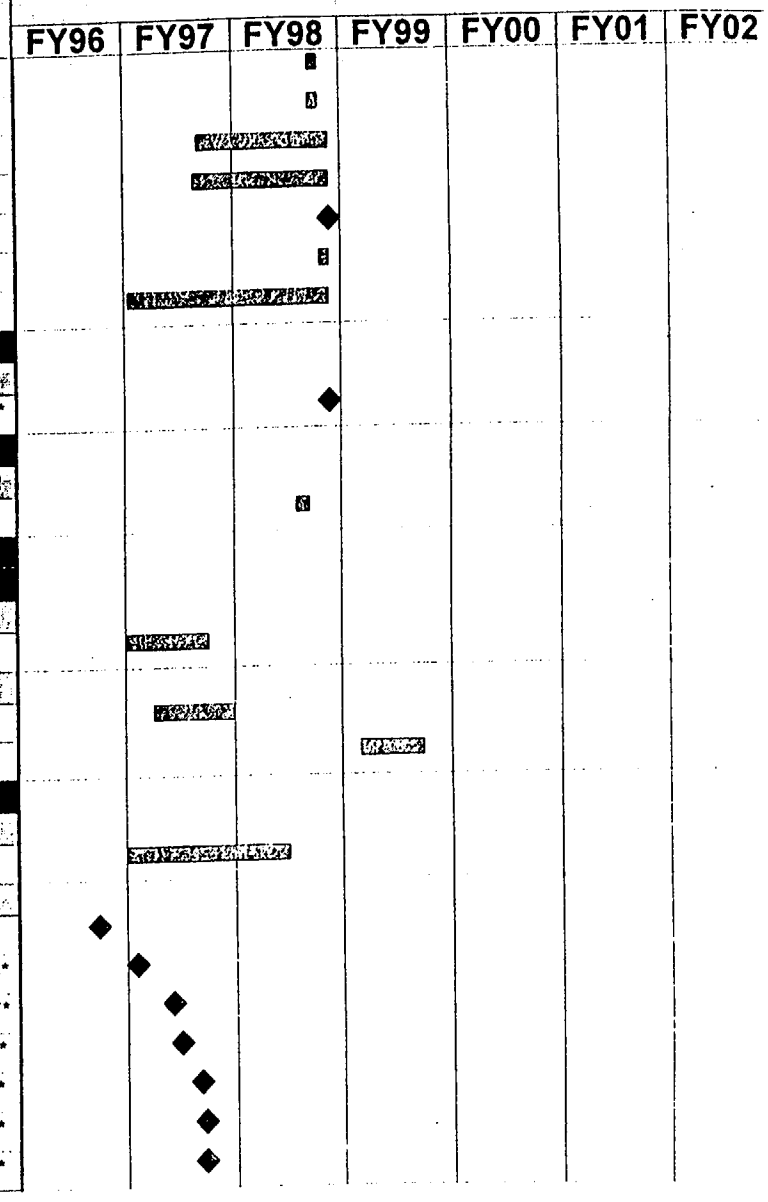
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SL230L | M&O Review TSPA-VA/PISA CH8 Draft Document | 3 | 20 | 15JUN98 | 13JUL98 |
| SL230N | YMSCO Review TSPA-VA PISA CH8 Draft Document | 3 | 20 | 15JUN98 | 13JUL98 |
| SSNE105 | TSPA/VA/PISA Ch. 8 Analyses & Documentation | 3 | 303 | 06JUN97 | 19AUG98 |
| SSNE604 | TSPA-VA/PISA Ch. 8 Data Integr. | 3 | 314 | 21MAY97 | 19AUG98 |
| SL230M3 | Complete TSPA-VA PISA CH8 Documentation | 3 | 0 | | 20AUG98 |
| SL230P | Revise TSPA-VA PISA CH8 Draft Document | 3 | 28 | 14JUL98 | 20AUG98 |
| SL230P2 | MANAGE TSPA-VA/PISA Chapter 8 Development | 3 | 465 | 15OCT96 | 20AUG98 |
| PA230M2 - Cmpl TSPA-VA/PISA Ch. 8 Analyses/Doc. | | | | | |
| Detail Activities (PSS) | | | | | |
| PA230M2 | Cmpl TSPA-VA/PISA Ch. 8 Analyses/Documentation | 2 | 0 | | 21AUG98* |
| XPA11 - TSPA Input to NEPA | | | | | |
| Detail LRP/IPS | | | | | |
| SLX11J | Document specific TSPA for NEPA in PISA CH 8.x.y | 3 | 30 | 01MAY98 | 12JUN98 |
| PA095 - Computer Code Configuration | | | | | |
| Detail Activities (PSS) | | | | | |
| PA095 | Computer Code Configuration | 2 | 201 | 02OCT96* | 09JUL97 |
| Detail LRP/IPS | | | | | |
| SLPA095A | Computer Code Configuration | 3 | 192 | 02JAN97 | 02OCT97 |
| SLPA095B | Computer Code Configuration for LA | 3 | 149 | 30NOV98 | 30JUN99 |
| PA105 - Scenarios Development - VA | | | | | |
| Detail Activities (PSS) | | | | | |
| PA105 | Scenarios Development - VA | 2 | 390 | 02OCT96* | 31MAR98 |
| Detail LRP/IPS | | | | | |
| SL105B01 | Receive Probabilistic Volcanic Hazard Assess Rpt | 3 | 0 | | 01JUL96* |
| SL105A01 | Receive Criticality Technical Report | 3 | 0 | | 01NOV96* |
| SL105B02 | Receive Volcanic Effects Topical Report | 3 | 0 | | 03MAR97* |
| SL105D01 | Receive Natural Resources Topical Report | 3 | 0 | | 01APR97* |
| SL105C01 | Receive Seismic Effects Topical Report | 3 | 0 | | 03JUN97* |
| SL105CM3 | Complete Seismic Scenarios Sensitivity Analysis | 3 | 0 | | 20JUN97* |
| SL105DM3 | Complete Human Intrusion Scenario SA | 3 | 0 | | 20JUN97* |

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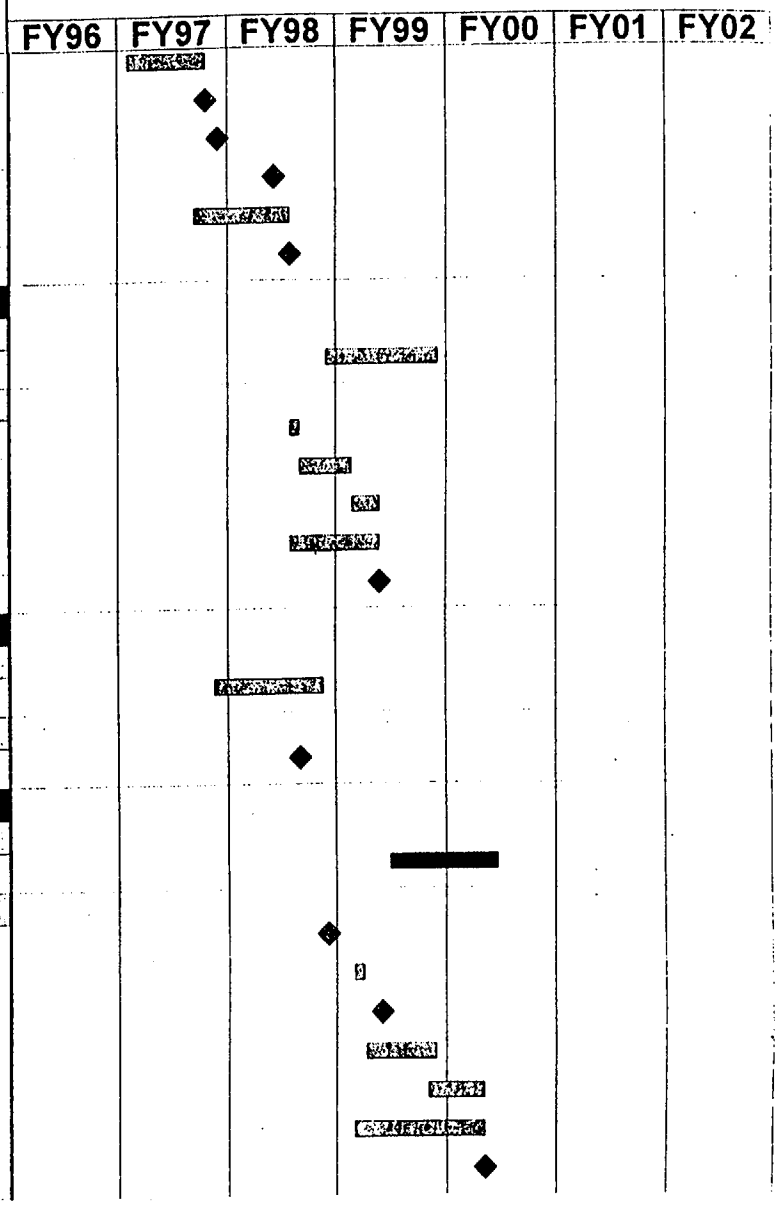
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SL105A | Plan/Conduct/Document Criticality Scenario SA | 3 | 178 | 04NOV96 | 21JUL97 |
| SL105AM3 | Complete Criticality Scenario Sensitivity Anal. | 3 | 0 | | 21JUL97 |
| SL105BM3 | Complete Volcanic Scenarios Sensitivity Analysis | 3 | 0 | | 02SEP97* |
| SL105E3 | Data Feed from SR522 Scenario Review/PR Report | 3 | 0 | | 02MAR98* |
| SL105E2 | Integrate/Finalize Scenarios for TSPA-VA | 3 | 221 | 12JUN97* | 29APR98 |
| SL105EM3 | Complete TSPA-VA Scenarios Documentation | 3 | 0 | | 29APR98 |
| PA107 - Scenarios Development - LA | | | | | |
| Detail Activities (PSS) | | | | | |
| PA107 | Scenarios Development - LA | 2 | 267 | 24AUG98 | 31AUG99 |
| Detail LRP/IPS | | | | | |
| SL107A | Obtain Information from TSPA VA | 3 | 21 | 01MAY98 | 01JUN98 |
| SL107B | Identify Scenarios | 3 | 120 | 02JUN98 | 20NOV98 |
| SL107C | Document Scenarios for LA | 3 | 60 | 23NOV98 | 19FEB99 |
| SL107D | LA Scenarios Development | 3 | 201 | 01MAY98 | 19FEB99 |
| SL107M3 | Complete LA Scenarios Development Documentation | 3 | 0 | | 19FEB99 |
| PA164 - Preclosure PA-VA/PISA Ch. 7 | | | | | |
| Detail Activities (PSS) | | | | | |
| PA164 | Preclosure PA-VA/PISA Ch. 7 | 2 | 265 | 18AUG97 | 21AUG98 |
| Detail LRP/IPS | | | | | |
| SL164M3A | Issue Draft Precl PA-VA/PISA CH 7 to M&O & YMSCO | 3 | 0 | | 28MAY98 |
| PA200 - TSPA Sensitivity Analysis: LA | | | | | |
| Detail Activities (PSS) | | | | | |
| PA200 | TSPA Sensitivity Anlys for LA | 2 | 260 | 25MAR99 | 22MAR00 |
| Detail LRP/IPS | | | | | |
| SL200A1 | Receive TSPA-VA Peer Review Input (SR250) | 3 | 0 | | 31AUG98 |
| SL200A | Plan/Organize TSPA Sensitivity for LA | 3 | 23 | 30NOV98* | 31DEC98 |
| SL200A2 | Receive Final Peer Review Input (SR254) | 3 | 0 | | 01MAR99 |
| SL200B | TSPA Sensitivity Analyses for LA | 3 | 165 | 04JAN99 | 25AUG99 |
| SL200C | Document TSPA Sensitivity Analyses for LA | 3 | 127 | 03AUG99 | 04FEB00 |
| SL200D | TSPA Sensitivity Analysis for LA | 3 | 298 | 30NOV98 | 04FEB00 |
| SL200M3 | Complete LA Sensitivity Analysis Documentation | 3 | 0 | | 04FEB00 |

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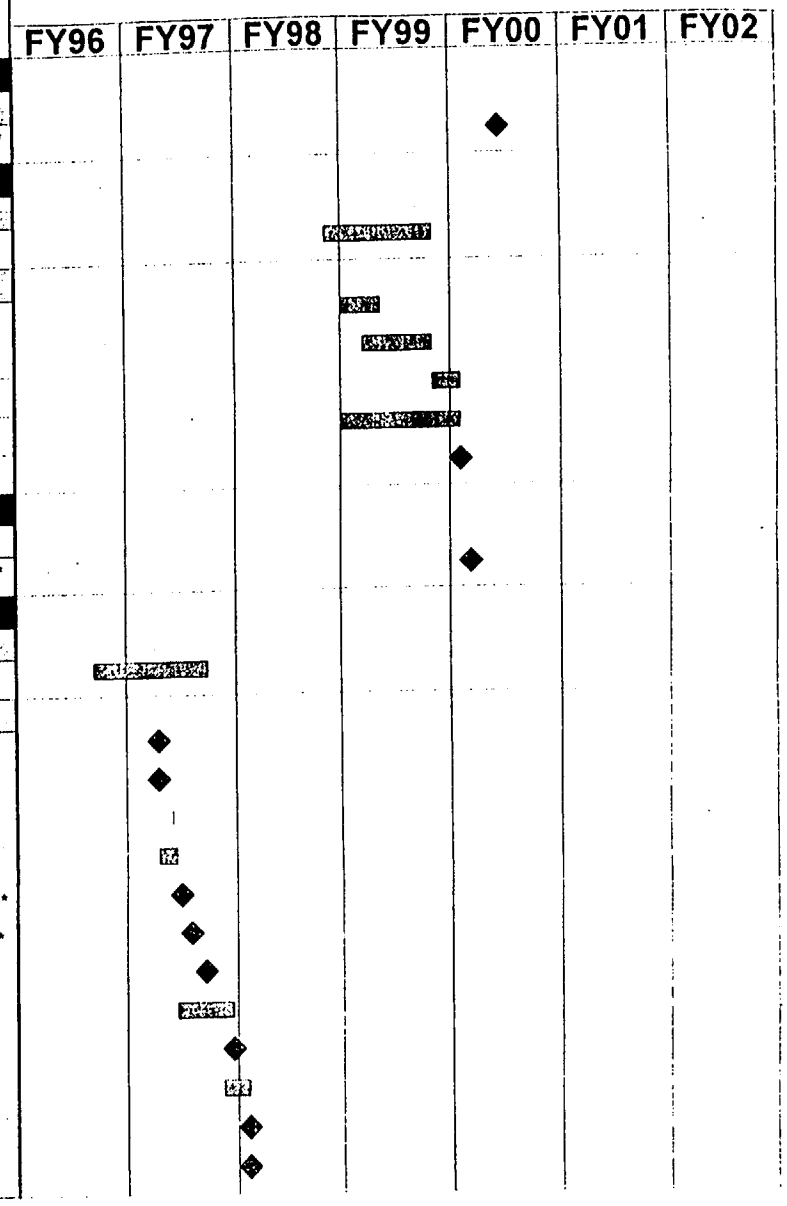
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| **PA200M2 - Cmpl TSPA Sensitivity Analysis: LA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PA200M2 | Cmpl TSPA Sensitivity Anlys for LA | 2 | 0 | | 06MAR00* |
| **PA202 - Preclosure PA Sensitivity Analysis: LA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PA202 | Preclosure PA Sensitivity Anlys for LA | 2 | 260 | 03AUG98* | 30JUL99 |
| **Detail LRP/IPS** | | | | | |
| SL202A | PA Evaluate Subsurface & EBS Design | 3 | 86 | 01OCT98* | 05FEB99 |
| SL202B | Develop Sensitivity Studies for Models | 3 | 164 | 08DEC98 | 30JUL99 |
| SL202C | Document Preclosure PA Sensitivity Analysis | 3 | 65 | 02AUG99 | 02NOV99 |
| SL202D | Preclosure PA Sensitivity Analyses | 3 | 273 | 01OCT98 | 02NOV99 |
| SL202M3 | Compl. Preclosure PA Sensitivity Analysis Docs. | 3 | 0 | | 02NOV99 |
| **PA202M2 - Cmpl Precl. PA Sensitivity Analysis:LA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PA202M2 | Cmpl Precl. PA Sensitivity Anlys for LA | 2 | 0 | | 03DEC99* |
| **PA204 - Abstr/Test of Waste Form Degradation: VA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PA204 | Abstr./Test. of Waste Form Degradation - VA | 2 | 271 | 17JUN96 | 30JUN97 |
| **Detail LRP/IPS** | | | | | |
| SL2040 | Receive Waste Form Testing Data (WP120) | 3 | 0 | | 15JAN97* |
| SL204F1 | Receive WFCR Rev. 1 Draft Input (WP0035) | 3 | 0 | | 15JAN97* |
| SL204D | Present Alternative Scenarios/Models -WF Degrad | 3 | 4 | 03MAR97 | 06MAR97 |
| SL204A | Plan/Organize VA WF Degrad Abstraction/Testing | 3 | 41 | 16JAN97 | 14MAR97 |
| SL204F3 | Input from VA WP Degradation (PA210) | 3 | 0 | | 31MAR97* |
| SL204J1 | Receive Revised EBS Design Input (WP050A) | 3 | 0 | | 30APR97* |
| SL204F4 | Mid pt. Review of VA WF Degradation Status | 3 | 0 | | 16JUN97 |
| SL204F | Conduct VA WF Degrad Sensitivity Analyses | 3 | 130 | 17MAR97 | 17SEP97 |
| SL204F7 | Complete VA WF Degradation Sensitivity Analysis | 3 | 0 | | 17SEP97 |
| SL204J | Document VA WF Degrad Sensitivity Analyses | 3 | 61 | 19AUG97 | 14NOV97 |
| SL204J8 | Provide WF Degrad Sensitivity Analysis to Design | 3 | 0 | | 14NOV97 |
| SL204M3 | Complete VA WF Degrad Abs/Testing Documentation | 3 | 0 | | 14NOV97 |




Project Start 01OCT95
Project Finish 01MAR02
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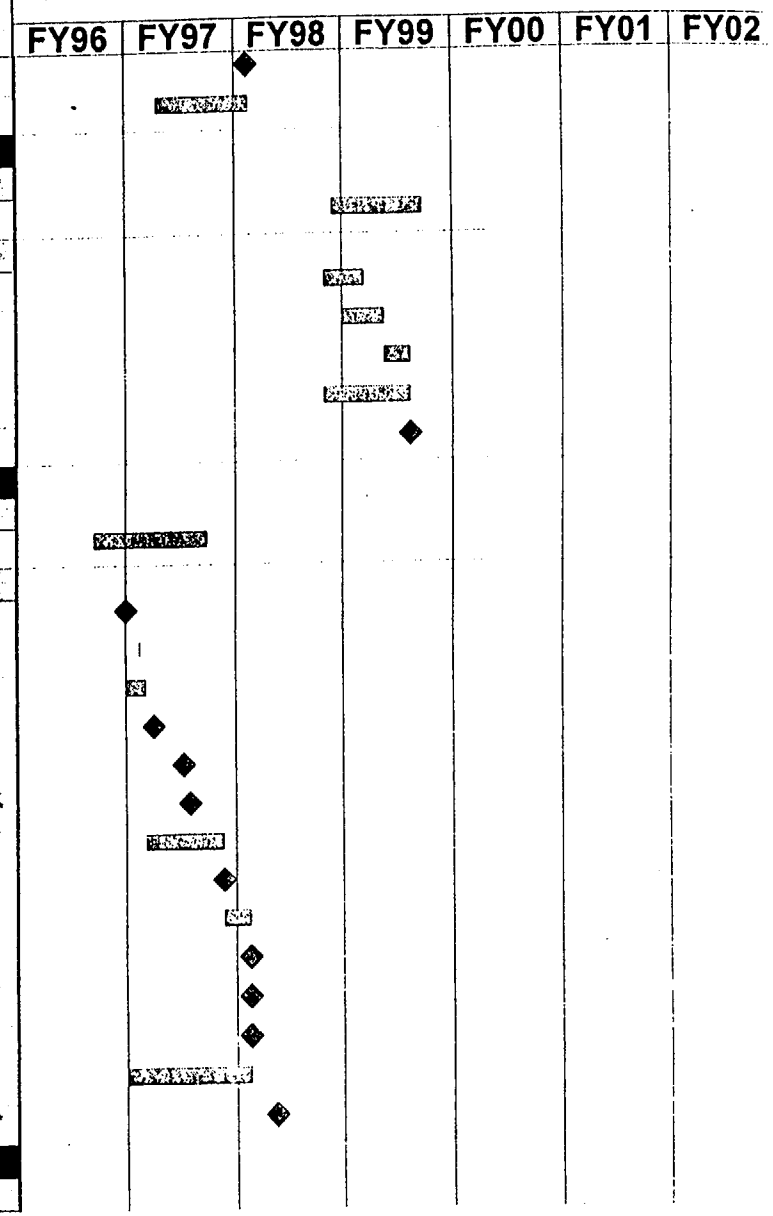
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approved |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SL204P | Provide VA WF Degradation Data to TDB | 3 | 0 | | 14NOV97 |
| SL204P3 | MANAGE VA WF Degradation Abstraction/Testing | 3 | 215 | 16JAN97 | 20NOV97 |
| **PA206 - Abstr/Test of Waste Form Degradation: LA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PA206 | Abstr./Test. of Waste Form Degradation - LA | 2 | 218 | 24AUG98 | 23JUN99 |
| **Detail LRP/IPS** | | | | | |
| SL206B | Evaluation of New WF Degrad Models | 3 | 91 | 29JUL98* | 09DEC98 |
| SL206C | Abstraction of WF Degrad Models Changes | 3 | 92 | 30SEP98 | 12FEB99 |
| SL206D | Documentation of WF Degrad A/T - LA | 3 | 60 | 16FEB99 | 10MAY99 |
| SL206E | WF Degradation Abstraction/Testing for LA | 3 | 196 | 29JUL98 | 10MAY99 |
| SL206M3 | Complete WF Degradation Abstraction/Testing Doc. | 3 | 0 | | 10MAY99 |
| **PA208 - Abstr/Test of Waste Pkg Degradation: VA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PA208 | Abstr./Test. of Waste Pkg Degradation - VA | 2 | 271 | 17JUN96 | 30JUN97 |
| **Detail LRP/IPS** | | | | | |
| SL2080 | Recieve Material Testing Data (WP0021) | 3 | 0 | 01OCT96 | |
| SL208D | Present Alternative Scenarios/Models -WP Degrad | 3 | 3 | 15NOV96 | 19NOV96 |
| SL2080A | Plan/Organize VA WP Degradation Abs/ Testing | 3 | 44 | 01OCT96 | 05DEC96 |
| SL208E2 | Receive EMCR Rev 1 Draft (WP015) | 3 | 0 | | 02JAN97* |
| SL208F1 | Rev Status/VA WP Degrad Sensitivity Analysis | 3 | 0 | | 15APR97 |
| SL208J3 | Receive Revised EBS Design Input (WP050A) | 3 | 0 | | 30APR97* |
| SL208F | Conduct VA WP Degrad Sensitivity Analyses | 3 | 180 | 06DEC96 | 21AUG97 |
| SL208F6 | Complete VA WP Degradation Sensitivity Analysis | 3 | 0 | | 21AUG97 |
| SL208J | Document VA WP Degrad Sensitivity Analyses | 3 | 60 | 22AUG97 | 18NOV97 |
| SL208J8 | Provide Design Sensitivity Analysis | 3 | 0 | | 18NOV97 |
| SL208J9 | Complete VA WP Degrad Sensitivity Analysis Doc. | 3 | 0 | | 18NOV97 |
| SL208P | Provide VA WP Degrad Data to TDB | 3 | 0 | | 18NOV97 |
| SL208P2 | MANAGE VA WP Degradation Abstraction/Testing | 3 | 284 | 01OCT96 | 18NOV97 |
| SL208J1 | Receive EMCR Rev 2 Draft (WP0020) | 3 | 0 | | 13FEB98* |
| **PA210 - Abstr/Test of Waste Form Mobil.: VA** | | | | | |
| **Detail Activities (PSS)** | | | | | |

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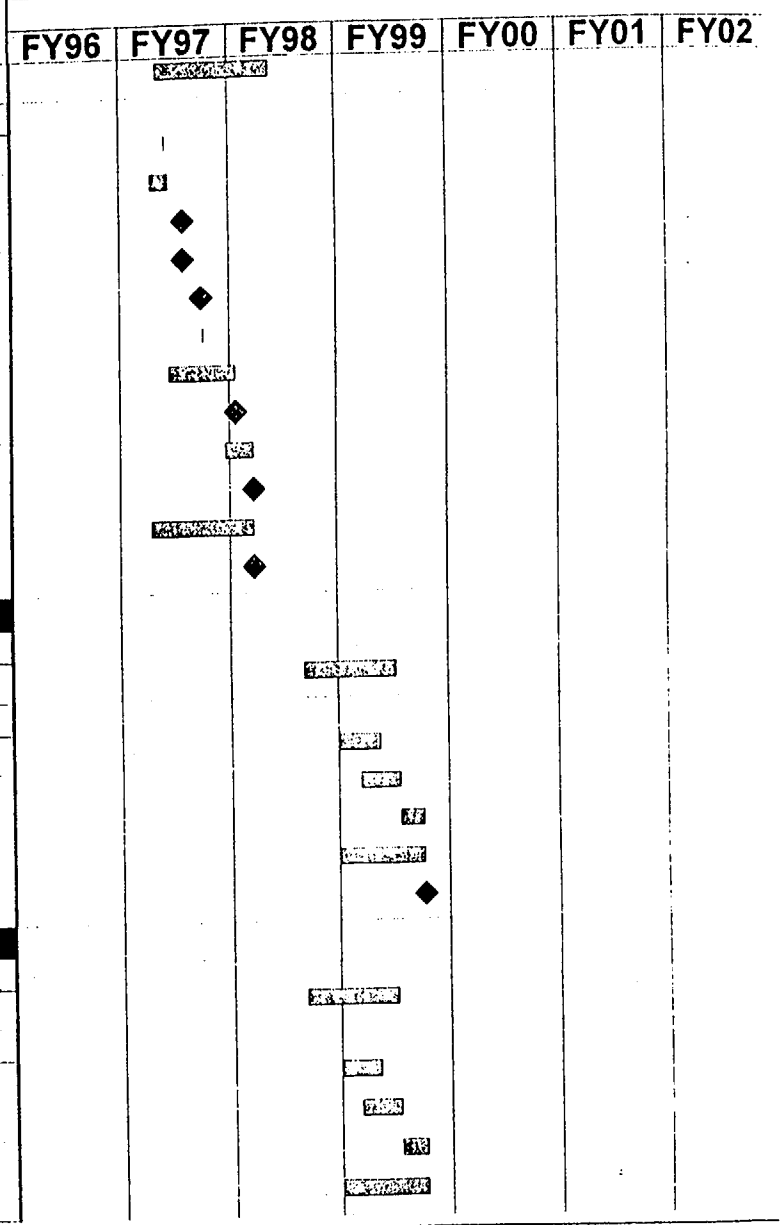
|---|---|---|---|---|---|
| PA210 | Abstr./Test. Waste Form Mobilization - VA | 2 | 271 | 06FEB97 | 19FEB98 |
| **Detail LRP/IPS** | | | | | |
| SL210D | Present Alternative Scenarios/Models -WF Mobil. | 3 | 4 | 03MAR97 | 06MAR97 |
| SL210A5 | Plan/Organize VA WF Mobilization Abs/Testing | 3 | 45 | 15JAN97* | 19MAR97 |
| SL210F2 | Input from PA204 | 3 | 0 | | 01MAY97* |
| SL210F3 | Input from PA208 | 3 | 0 | | 01MAY97* |
| SL210N1 | Receive Revised EBS Design Input | 3 | 0 | | 30JUN97* |
| SL210F1 | Mid pt. Status Review of VA WF Mobilization | 3 | 1 | 07JUL97 | 07JUL97 |
| SL210F | Conduct VA WF Mobil. Sensitivity Analyses | 3 | 150 | 20MAR97 | 21OCT97 |
| SL210F9 | Complete VA WF Mobilization Sensitivity Analysis | 3 | 0 | | 21OCT97 |
| SL210J | Document VA WF Mobil. Sensitivity Analyses | 3 | 60 | 23SEP97 | 19DEC97 |
| SL210M3 | Complete VA WF Mobilization Documentation | 3 | 0 | | 19DEC97 |
| SL210N3 | MANAGE VA WF Mobilization Abstraction/Testing | 3 | 235 | 15JAN97 | 19DEC97 |
| SL210P | Provide VA WF Mobil. Data to TDB | 3 | 0 | | 19DEC97 |
| PA212 - Abstr/Test of Waste Pkg Degradati: LA | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PA212 | Abstr./Test. of Waste Pkg Degradation - LA | 2 | 218 | 09JUN98 | 08APR99 |
| **Detail LRP/IPS** | | | | | |
| SL212B | Evaluation of New WP Degrad Models | 3 | 91 | 01OCT98* | 12FEB99 |
| SL212C | Abstraction of WP Degrad Model Changes | 3 | 92 | 08DEC98 | 19APR99 |
| SL212D | Documentation of WP Degrad A/T - LA | 3 | 60 | 20APR99 | 14JUL99 |
| SL212E | WP Degradation Abstraction/Testing for LA | 3 | 196 | 01OCT98 | 14JUL99 |
| SL212M3 | Complete LA WP Dagradation Abs./Testing Doc. | 3 | 0 | | 14JUL99 |
| PA214 - Abstr/Test of Waste Form Mobil.: LA | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PA214 | Abstr./Test. of Waste Form Mobilization- LA | 2 | 218 | 09JUN98 | 08APR99 |
| **Detail LRP/IPS** | | | | | |
| SL214B | Evaluation of New WF Mobilization Models | 3 | 91 | 29SEP98* | 10FEB99 |
| SL214C | Abstraction of WF Mobilization Model Changes | 3 | 92 | 03DEC98 | 14APR99 |
| SL214D | Documentation of WF Mobilization A/T - LA. | 3 | 60 | 15APR99 | 09JUL99 |
| SL214E | LA WF Mobilization Abstraction/Testing | 3 | 195 | 29SEP98 | 09JUL99 |

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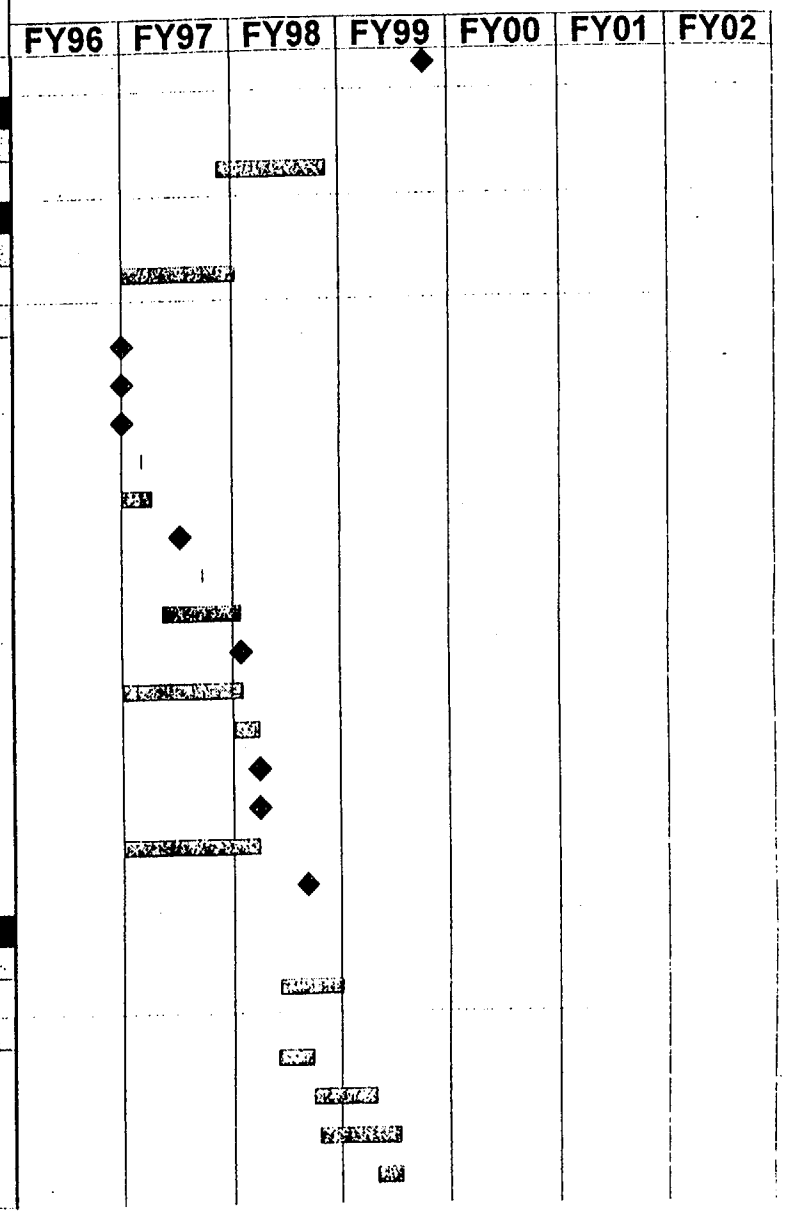
|---|---|---|---|---|---|
| SL214M3 | Complete LA WF Mobilization Abs/Testing Doc. | 3 | 0 | | 09JUL99 |
| **PA230 - TSPA-VA/PISA Ch. 8 Analyses/Doc.** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PA230 | TSPA-VA/PISA Ch. 8 Analyses/Documentation | 2 | 265 | 18AUG97 | 21AUG98 |
| **XPA01 - Abstr/Test of UZ Flow Models: VA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| XPA01 | Abstr/Test of Unsaturated Zone Flow Models - VA | 2 | 271 | 03OCT96 | 16OCT97 |
| **Detail LRP/IPS** | | | | | |
| SLX0101 | Receive Draft UZ Flow Model | 3 | 0 | | 03OCT96* |
| SLX0103 | Receive Draft Infiltration Model | 3 | 0 | | 03OCT96* |
| SLX0105 | Receive Draft Climate Model | 3 | 0 | | 03OCT96* |
| SLX01D | Present Alternative Scenarios/Models -UZ Flow Mo | 3 | 3 | 05DEC96 | 09DEC96 |
| SLX01A1 | Plan/Organize VA UZ Flow Models Abs./Testing | 3 | 63 | 04OCT96 | 08JAN97 |
| SLX01F2 | Receive Revised UZ Flow Model | 3 | 0 | | 15APR97* |
| SLX01F1 | Mid Pt. Status Review Meeting | 3 | 1 | 24JUN97 | 24JUN97 |
| SLX01F | Conduct VA UZ Flow Models Sensitivity Analyses | 3 | 180 | 14FEB97 | 30OCT97 |
| SLX01F9 | Complete VA UZ Flow Models Sensitivity Analyses | 3 | 0 | | 30OCT97 |
| SP24BR3 | Conduct VA UZ Flow Models Sensitivity Analyses | 3 | 273 | 04OCT96 | 05NOV97 |
| SLX01J | Document VA UZ Flow Models Sensitivity Analyses | 3 | 60 | 01OCT97 | 30DEC97 |
| SLX01M3 | Complete VA UZ Flow Models Documentation | 3 | 0 | | 30DEC97 |
| SLX01P | Provide VA UZ Flow Models Data to TDB | 3 | 0 | | 30DEC97 |
| SLX01P3 | MANAGE VA UZ Flow Model Abstraction/Testing | 3 | 308 | 04OCT96 | 30DEC97 |
| SLX01P1 | Receive Ch. 2.4 | 3 | 0 | | 08JUN98* |
| **XPA02 - Abstr/Test of UZ Flow Models: LA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| XPA02 | Abstr/Test of Unsaturated Zone Flow Models - LA | 2 | 154 | 04MAR98 | 05OCT98 |
| **Detail LRP/IPS** | | | | | |
| SLX02B | Evaluation of Process Model Changes | 3 | 84 | 02MAR98* | 26JUN98 |
| SLX02C | Abstraction of New Process Models | 3 | 146 | 29JUN98 | 28JAN99 |
| SP2540R | Conduct LA UZ Flow Models Sensitivity Analyses | 3 | 189 | 15JUL98 | 15APR99 |
| SLX02D | Documentation of UZ Flow Models A/T - LA | 3 | 60 | 29JAN99 | 23APR99 |

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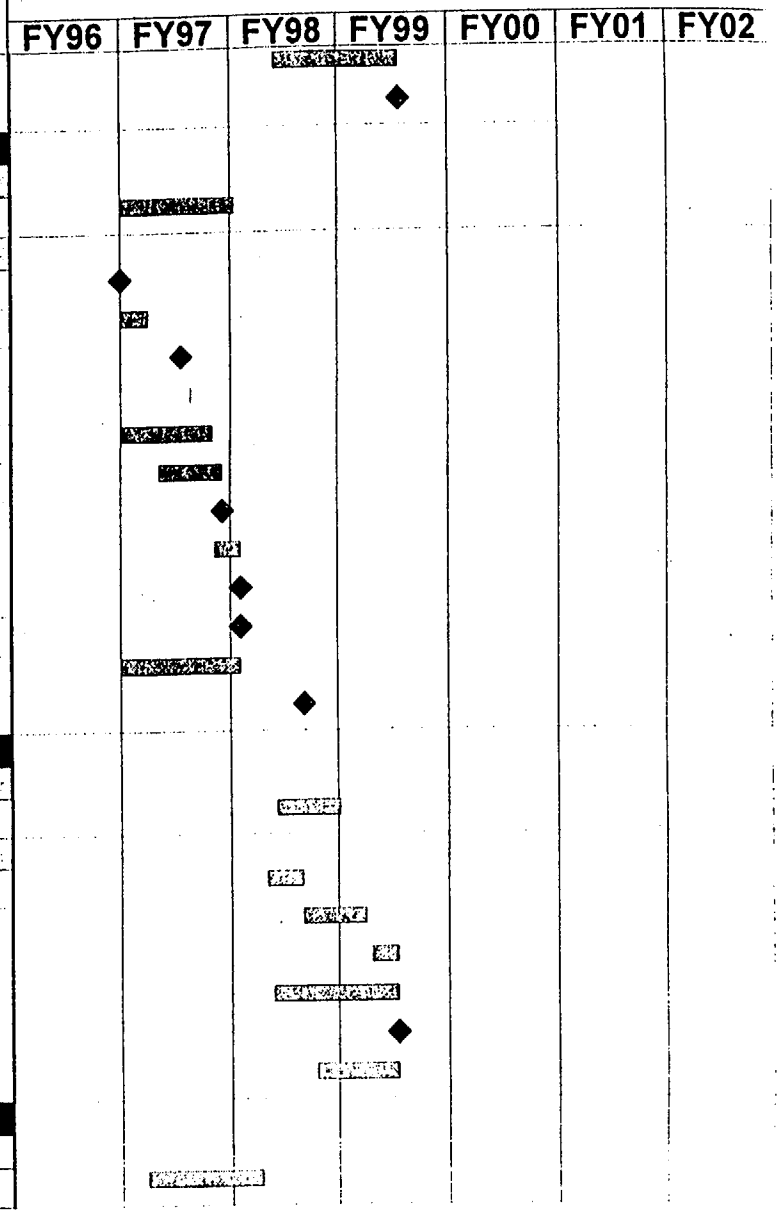
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SLX02E | LA UZ Flow Model Abstraction/Testing | 3 | 290 | 02MAR98 | 23APR99 |
| SLX02M3 | Complete LA UZ Flow Model Documentation | 3 | 0 | | 23APR99 |
| **XPA03 - Abstr/Test of SZ Flow Models: VA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| XPA03 | Abstr./Test. of Saturated Zone Flow Models - VA | 2 | 271 | 03OCT96 | 16OCT97 |
| **Detail LRP/IPS** | | | | | |
| SLX031 | Receive Draft SZ Flow Models | 3 | 0 | | 03OCT96* |
| SLX03A1 | Plan/Organize VA SZ Flow Models Abs./Testing | 3 | 57 | 04OCT96 | 30DEC96 |
| SLX03F2 | Receive Revised SZ Flow Model | 3 | 0 | | 17APR97* |
| SLX03F1 | Mid Pt. Status Review | 3 | 1 | 22MAY97 | 22MAY97 |
| SP24CR3A | Conduct VA SZ Flow Models Sensitivity Analyses | 3 | 207 | 04OCT96 | 01AUG97 |
| SLX03F | Conduct VA SZ Flow Models Sensitivity Analyses | 3 | 150 | 05FEB97 | 08SEP97 |
| SLX03F9 | Complete SZ Flow Models Sensitivity Analyses | 3 | 0 | | 08SEP97 |
| SLX03J | Document VA SZ Flow Models Sensitivity Analyses | 3 | 60 | 11AUG97 | 04NOV97 |
| SLX03M3 | Complete VA SZ Flow Model Documentation | 3 | 0 | | 04NOV97 |
| SLX03P | Provide VA SZ Flow Models Data to TDB | 3 | 0 | | 04NOV97 |
| SLX03P3 | MANAGE VA SZ Flow Model Abstraction/Testing | 3 | 272 | 04OCT96 | 04NOV97 |
| SLX03P1 | Receive Ch. 2.4 | 3 | 0 | | 08JUN98* |
| **XPA04 - Abstr/Test of SZ Flow Models: LA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| XPA04 | Abstr./Test. of Saturated Zone Flow Models - LA | 2 | 154 | 04MAR98 | 05OCT98 |
| **Detail LRP/IPS** | | | | | |
| SLX04B | Evaluation of Process Model Changes | 3 | 84 | 02FEB98* | 01JUN98 |
| SLX04C | Abstraction of New Process Models | 3 | 146 | 02JUN98 | 31DEC98 |
| SLX04D | Documentation of SZ Flow Model A/T - LA | 3 | 60 | 21JAN99 | 15APR99 |
| SLX04E | LA SZ Flow Model Abstraction/Testing | 3 | 290 | 20FEB98 | 15APR99 |
| SLX04M3 | Complete LA SZ Flow Model Documentation | 3 | 0 | | 15APR99 |
| SP2540Q3 | Conduct LA SZ Flow Models Sensitivity Analyses | 3 | 190 | 14JUL98 | 15APR99 |
| **XPA05 - Abstr/Test of Flow &Transport Models: VA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| XPA05 | Abstr./Test. of Flow & Transport Models - VA | 2 | 271 | 26DEC96 | 08JAN98 |

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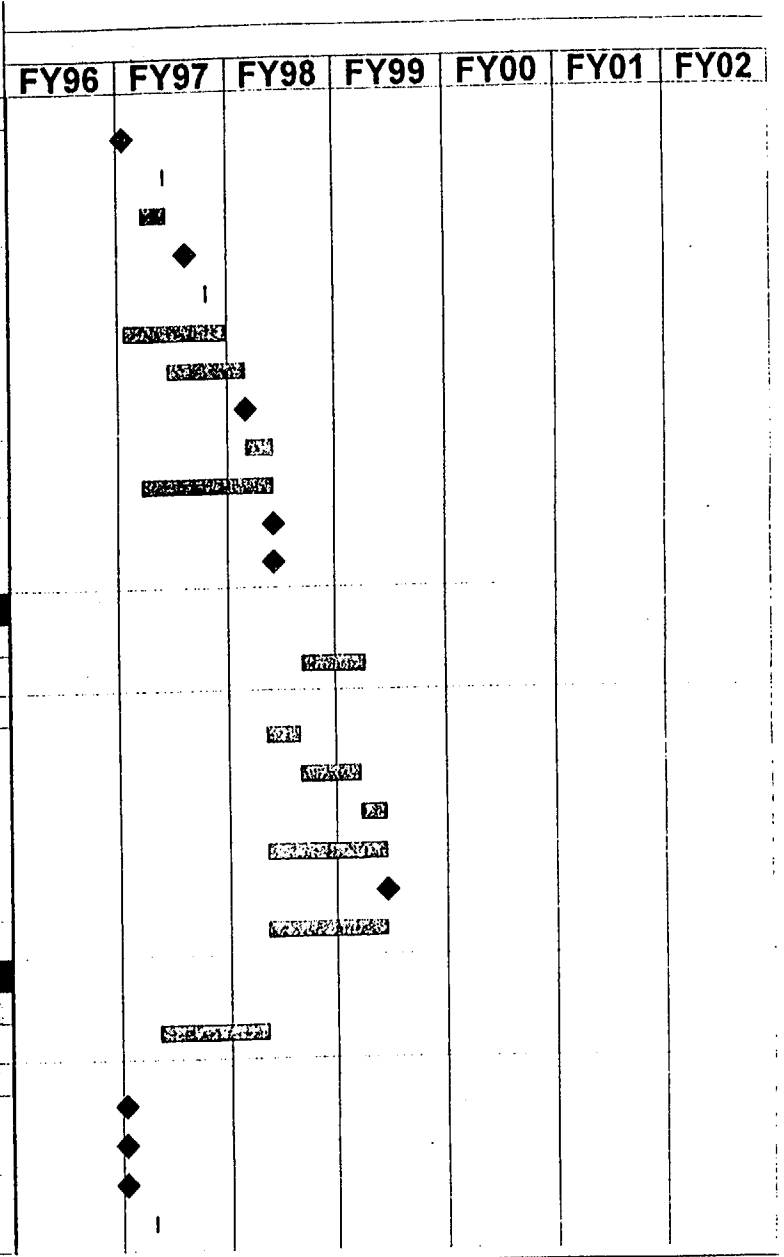
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| **Detail LRP/IPS** | | | | | |
| SLX051 | Receive Draft Transport Model | 3 | 0 | | 21OCT96* |
| SLX05D | Alternative Scenarios/Models -F&T Models Wkshp. | 3 | 3 | 05MAR97 | 07MAR97 |
| SLX051A | Plan/Organize VA F&T Models | 3 | 60 | 20DEC96 | 18MAR97 |
| SLX05F2 | Receive Revised Transport Model | 3 | 0 | | 15MAY97* |
| SLX05F1 | Mid Pt. Status Review | 3 | 1 | 25JUL97 | 25JUL97 |
| SP25CR3A | Conduct VA F&T Models Sensitivity Analyses | 3 | 237 | 22OCT96 | 30SEP97 |
| SLX05F | Conduct VA F&T Models Sensitivity Analyses | 3 | 180 | 19MAR97 | 04DEC97 |
| SLX05F9 | Complete F&T Models Sensitivity Analyses | 3 | 0 | | 04DEC97 |
| SLX05J | Document VA F&T Models Sensitivity Analyses | 3 | 60 | 05DEC97 | 03MAR98 |
| SLX05J2 | MANAGE VA F&T Models Abstraction/Testing | 3 | 300 | 20DEC96 | 03MAR98 |
| SLX05M3 | Complete VA F&T Models Documentation | 3 | 0 | | 03MAR98 |
| SLX05P | Provide VA F&T Models Data to TDB | 3 | 0 | | 03MAR98 |
| XPA06 - Abstr/Test of Flow &Transport Models: LA | | | | | |
| **Detail Activities (PSS)** | | | | | |
| XPA06 | Abstr./Test. of Flow &Transport Models - LA | 2 | 154 | 08JUN98 | 07JAN99 |
| **Detail LRP/IPS** | | | | | |
| SLX06B | Geochem/Xpert Conf. Model Evaluation | 3 | 82 | 04FEB98* | 01JUN98 |
| SLX06C | Abstraction of F&T Models | 3 | 135 | 02JUN98 | 15DEC98 |
| SLX06D | Documentation of F&T Models A/T - LA | 3 | 60 | 16DEC98 | 12MAR99 |
| SLX06E | LA F&T Models Abstraction/Testing | 3 | 277 | 04FEB98 | 12MAR99 |
| SLX06M3 | Complete LA F&T Models Documentation | 3 | 0 | | 12MAR99 |
| SP3580Q3 | Conduct LA F&T Models Sensitivity Analyses | 3 | 277 | 04FEB98 | 12MAR99 |
| XPA07 - Abstr/Test of Near Field Env. Models: VA | | | | | |
| **Detail Activities (PSS)** | | | | | |
| XPA07 | Abstr./Test. of Near Field Environ Models - VA | 2 | 262 | 07FEB97 | 09FEB98 |
| **Detail LRP/IPS** | | | | | |
| SLX07B1 | Receive Draft NFE Model (ST2.7B) Data | 3 | 0 | 17OCT96* | |
| SLX07B3 | Receive Draft NFE Impact (XWP511) Data | 3 | 0 | 17OCT96* | |
| SLX07B5 | Receive Draft NFE Impact (XRP510) Data | 3 | 0 | 17OCT96* | |
| SLX07D | Present Alternative Scenarios/Models -NF Environ | 3 | 3 | 16JAN97 | 20JAN97 |

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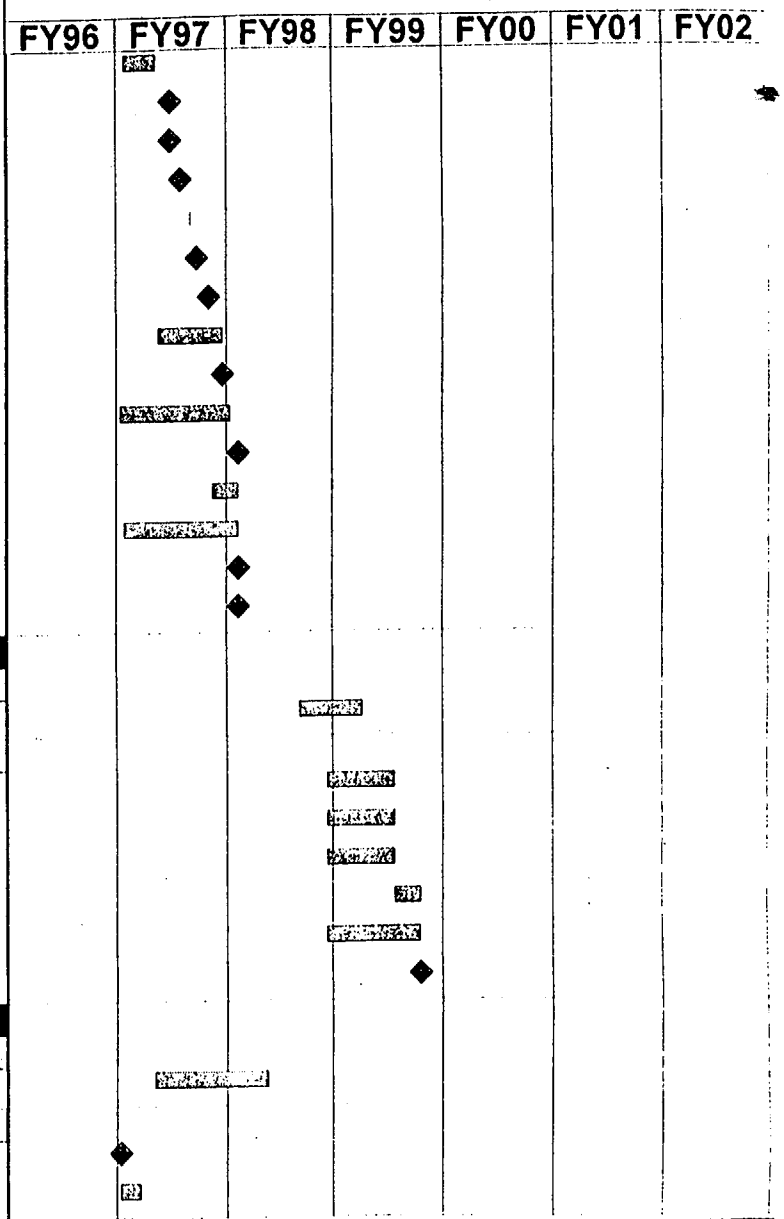
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SLX07A0 | Plan/Organize VE NFE Models Abs./Testing | 3 | 72 | 30OCT96 | 13FEB97 |
| SLX07F2 | Input from XPA09 | 3 | 0 | | 27MAR97 |
| SLX07J4 | Revised EBS Design Input (WP050A) | 3 | 0 | | 31MAR97 |
| SLX07J6 | Receive Final NFE Impacts (XWP511) Update Data | 3 | 0 | | 01MAY97 |
| SLX07F1 | Mid pt. Status Review of VA NFE Models Analysis | 3 | 1 | 05JUN97 | 05JUN97 |
| SLX07J7 | Receive Final NFE Impact (XRP510) Update Data | 3 | 0 | | 27JUN97 |
| SLX07J5 | Receive Final NFE Model (ST2.7B) Update Data | 3 | 0 | | 31JUL97* |
| SLX07F | Conduct VA NF Environ Models Sensitivity Analyse | 3 | 150 | 19FEB97 | 19SEP97 |
| SLX07F7 | Complete VA NFE Models Sensitivity Analysis | 3 | 0 | | 19SEP97 |
| SP3100R3 | Conduct VA NFE Models Sensitivity Analyses | 3 | 249 | 17OCT96 | 14OCT97 |
| SLX07F8 | Provide Sensitivity Analyses to Design | 3 | 0 | | 12NOV97 |
| SLX07J | Document VA NF Environ Models Sensitivity Analys | 3 | 60 | 18AUG97 | 12NOV97 |
| SLX07J9 | MANAGE VA NFE Models Abstraction/Testing | 3 | 259 | 31OCT96 | 12NOV97 |
| SLX07M3 | Complete VA NFE Models Documentation | 3 | 0 | | 12NOV97 |
| SLX07P | Provide VA NF Environ Models Data to TDB | 3 | 0 | | 12NOV97 |
| XPA08 - Abstr/Test of Near Field Env. Models: LA | | | | | |
| Detail Activities (PSS) | | | | | |
| XPA08 | Abstr./Test. of NearField Environ Models - LA | 2 | 154 | 09JUN98 | 08JAN99 |
| Detail LRP/IPS | | | | | |
| SLX08B | NFE Model Change Evaluation | 3 | 156 | 08SEP98* | 22APR99 |
| SLX08C | NFE Model Abstraction/Testing | 3 | 156 | 08SEP98 | 22APR99 |
| SP3630R3 | Conduct LA NFE Models Sensitivity Analyses | 3 | 156 | 08SEP98 | 22APR99 |
| SLX08D | Documentation of NFE A/T Models - LA | 3 | 60 | 23APR99 | 19JUL99 |
| SLX08E | LA NFE Models Abstraction/Testing | 3 | 216 | 08SEP98 | 19JUL99 |
| SLX08M3 | Complete LA NFE Models Documentation | 3 | 0 | | 19JUL99 |
| XPA09 - Abstr/Test of Therm/Hydr Models: VA | | | | | |
| Detail Activities (PSS) | | | | | |
| XPA09 | Abstr./Test. of Therm/Hydr Models - VA | 2 | 271 | 06FEB97 | 19FEB98 |
| Detail LRP/IPS | | | | | |
| SLX090 | Receive Draft NFE Model (ST2.7B) for Review | 3 | 0 | 16OCT96* | |
| SLX09A0 | Plan/Organize VA T/H Sensitivity Analyses | 3 | 44 | 16OCT96 | 19DEC96 |

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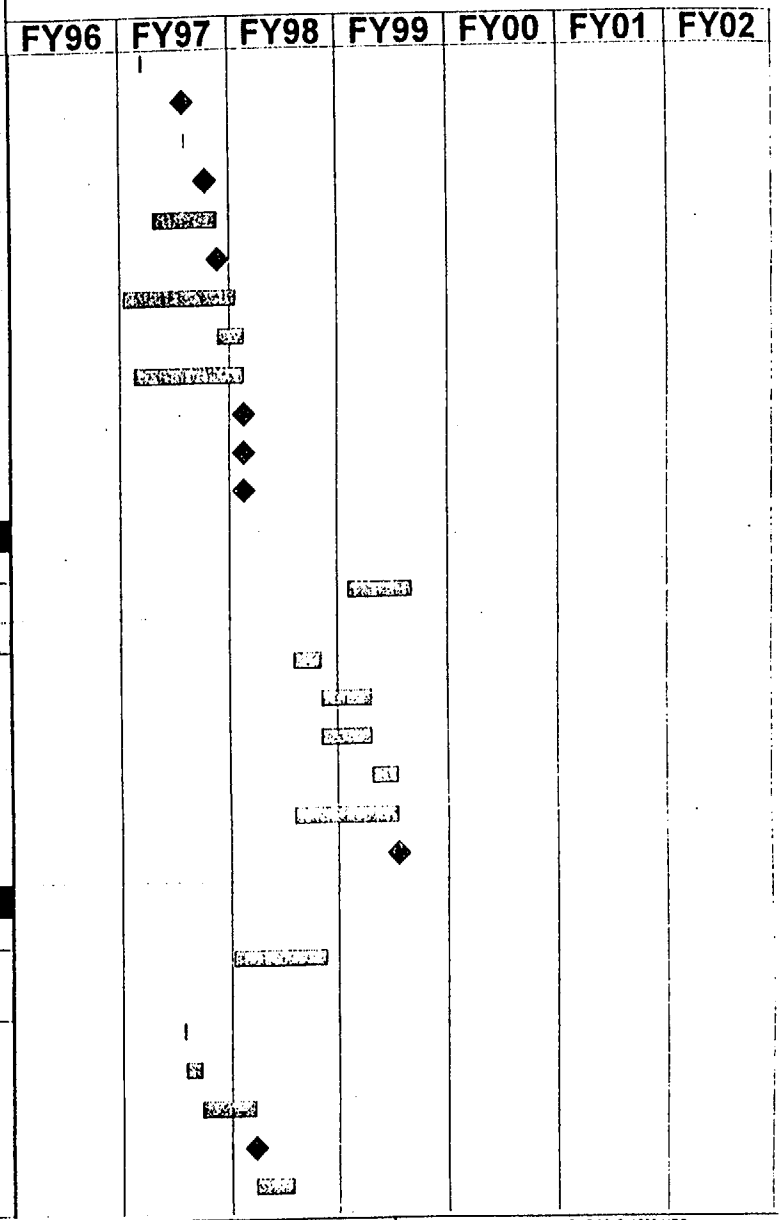
|---|---|---|---|---|---|
| SLX09D | Present Alternative Scenarios/Models -T/H Models | 3 | 3 | 17DEC96 | 19DEC96 |
| SLX09F3 | Receive Revised Repository Design Input | 3 | 0 | | 30APR97* |
| SLX09F1 | Mid pt. Status Review of VA T/H Models | 3 | 1 | 07MAY97 | 07MAY97 |
| SLX09F7 | Provide Input to XPA07, PA204, PA208, PA210 Mode | 3 | 0 | | 17JUL97 |
| SLX09F | Conduct VA T/H Models Sensitivity Analyses | 3 | 150 | 21JAN97 | 21AUG97 |
| SLX09F9 | Complete VA T/H Sensitivity Analysis | 3 | 0 | | 21AUG97 |
| SP3100Q3 | Conduct VA T/H Models Sensitivity Analyses | 3 | 254 | 16OCT96 | 20OCT97 |
| SLX09J | Document VA T/H Models Sensitivity Analyses | 3 | 60 | 22AUG97 | 18NOV97 |
| SLX09J1 | MANAGE VA T/H Sensitivity Analyses | 3 | 254 | 14NOV96 | 18NOV97 |
| SLX09J2 | Provide T/H Sensitivity Analysis to Design | 3 | 0 | | 18NOV97 |
| SLX09M3 | Complete VA T/H Models Documentation | 3 | 0 | | 18NOV97 |
| SLX09P | Provide VA T/H Models Data to TDB | 3 | 0 | | 18NOV97 |
| XPA10 - Abstr/Test of Therm/Hydr Models: LA | | | | | |
| Detail Activities (PSS) | | | | | |
| XPA10 | Abstr./Test. of Therm/Hydr Models - LA | 2 | 154 | 03NOV98 | 04JUN99 |
| Detail LRP/IPS | | | | | |
| SLX10C | T/H Models Change Evaluation | 3 | 65 | 04MAY98* | 04AUG98 |
| SLX10D | Abstraction of T/H Models | 3 | 113 | 05AUG98 | 19JAN99 |
| SP3620Q3 | Conduct LA T/H Models Sensitivity Analyses | 3 | 113 | 05AUG98 | 19JAN99 |
| SLX10E | Documentation of T/H Models Changes | 3 | 60 | 20JAN99 | 14APR99 |
| SLX10F | T/H Models Changes for LA | 3 | 238 | 04MAY98 | 14APR99 |
| SLX10M3 | Complete LA T/H Models Changes Documentation | 3 | 0 | | 14APR99 |
| XPA11 - TSPA Input to NEPA | | | | | |
| Detail Activities (PSS) | | | | | |
| XPA11 | TSPA Input to NEPA | 2 | 225 | 13OCT97 | 21AUG98 |
| Detail LRP/IPS | | | | | |
| SLX11A | Wkshop on NEPA needs from TSPA | 3 | 3 | 28APR97* | 30APR97 |
| SLX11B | Plan/Organize TSPA Analyses to support NEPA | 3 | 40 | 01MAY97 | 26JUN97 |
| SLX11E | Conduct specific Abstraction/Testing for NEPA | 3 | 120 | 27JUN97 | 19DEC97 |
| SLX11F | Complete Abstraction/Testing for NEPA | 3 | 0 | | 19DEC97 |
| SLX11G | Conduct specific TSPA Analyses for NEPA | 3 | 90 | 22DEC97 | 29APR98 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

Early
Progress Bar
Critical Activity

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CON2

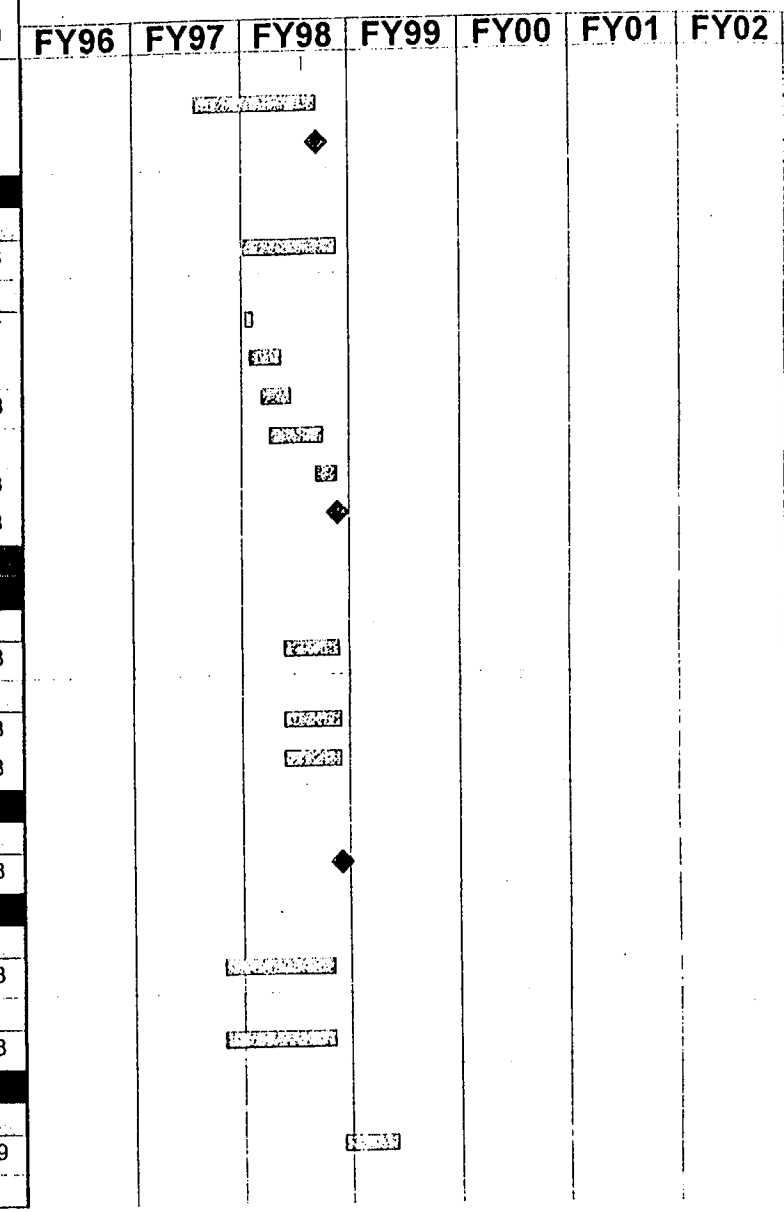
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

Date | Revision | Checked | Approve

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SLX11H | Present specific TSPA for NEPA (NE1250) | 3 | 1 | 30APR98 | 30APR98 |
| SLX11K | Manage Preparation of TSPA Input to NEPA | 3 | 284 | 28APR97 | 12JUN98 |
| SLX11M3 | Complete NEPA Specific TSPA Documentation | 3 | 0 | | 12JUN98 |
| **XPA12 - Preclosure PA Input to NEPA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| XPA12 | Preclosure PA Input to NEPA | 2 | 225 | 13OCT97 | 21AUG98 |
| **Detail LRP/IPS** | | | | | |
| SLX12A | Define NEPA Data Requirements | 3 | 21 | 14OCT97* | 12NOV97 |
| SLX12B | Generate Additional Process Models | 3 | 71 | 29OCT97 | 11FEB98 |
| SLX12C | Integrate New Process Models | 3 | 68 | 10DEC97 | 18MAR98 |
| SLX12D | Generate Required NEPA Data | 3 | 124 | 07JAN98 | 01JUL98 |
| SLX12E | Document, Review & Revise NEPA Data | 3 | 52 | 10JUN98 | 21AUG98 |
| SLX12F | Issue NEPA Preclosure Data Report | 3 | 0 | | 21AUG98 |
| **SR250 - TSPA-VA/Peer Review Letter Report** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SR250 | TSPA-VA/Peer Review Letter Report | 2 | 136 | 20FEB98* | 28AUG98 |
| **Detail LRP/IPS** | | | | | |
| SLSR250A | Prepare TSPA-VA/PR Letter Report | 3 | 134 | 23FEB98 | 31AUG98 |
| SLSR250P | PA Support TSPA-VA/PR Letter Report Preparation | 3 | 134 | 23FEB98 | 31AUG98 |
| **SR250M2 - Complete TSPA-VA/PR Letter Report** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SR250M2 | Complete TSPA-VA/Peer Review Letter Report | 2 | 0 | | 31AUG98 |
| **SR252 - Implement Process Model Changes** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SR252 | Implement Process Model Changes | 2 | 267 | 31JUL97 | 07AUG98 |
| **Detail LRP/IPS** | | | | | |
| SLSR252A | Implement Process Model Changes | 3 | 257 | 31JUL97* | 07AUG98 |
| **SR254 - Final Peer Review** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SR254 | Final Peer Review | 2 | 128 | 03SEP98* | 01MAR99 |
| **Detail LRP/IPS** | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

Early
Progress Bar
Critical Activity

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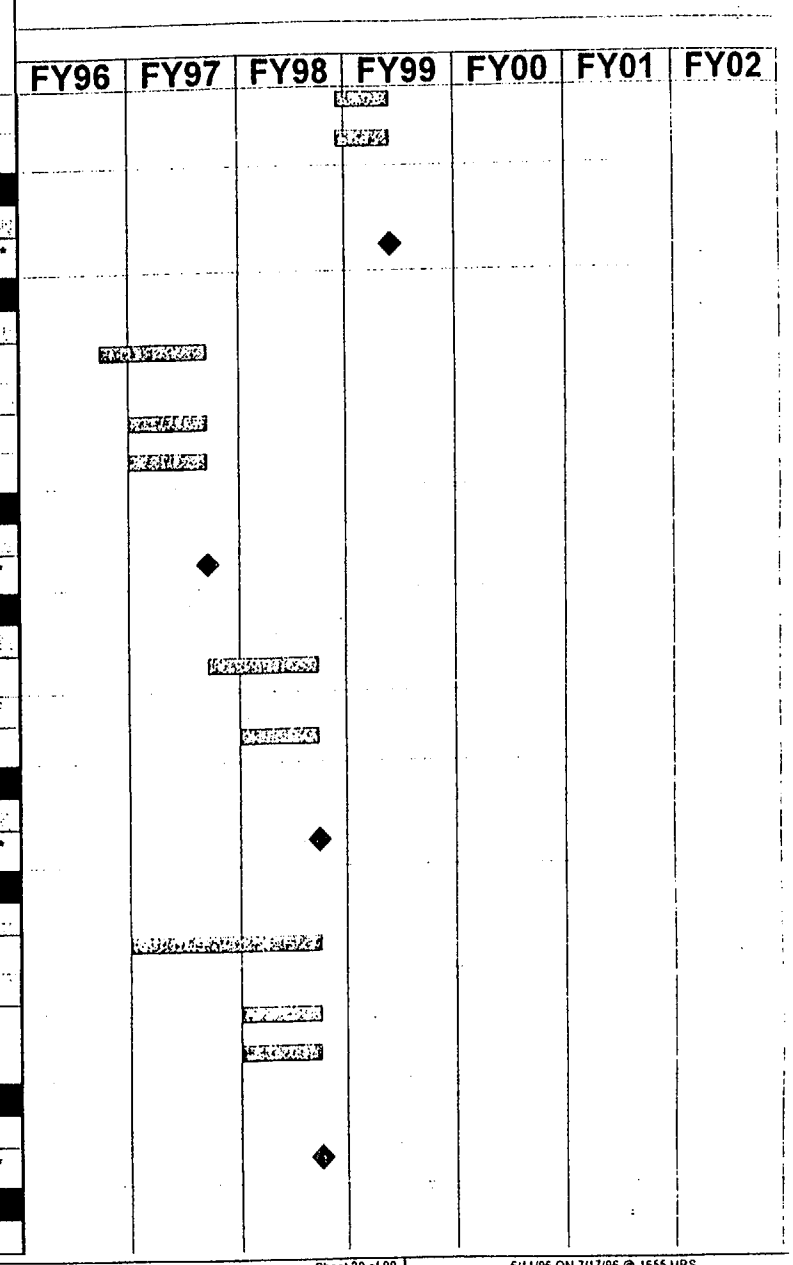
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approve |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SLSR254A | Final Peer Review | 3 | 120 | 03SEP98* | 01MAR99 |
| SLSR254P | PA Support Final Peer Review | 3 | 120 | 03SEP98 | 01MAR99 |
| SR254M2 - Complete TSPA Peer Review | | | | | |
| Detail Activities (PSS) | | | | | |
| SR254M2 | Complete TSPA Peer Review | 2 | 0 | | 01MAR99* |
| SR500 - TSPA Orient/Peer Review Interim Report | | | | | |
| Detail Activities (PSS) | | | | | |
| SR500 | TSPA Orient/Peer Review Interim Report | 2 | 255 | 01JUL96* | 20JUN97 |
| Detail LRP/IPS | | | | | |
| SLSR500A | TSPA Orientation/Peer Review Interim Report | 3 | 181 | 01OCT96 | 20JUN97 |
| SLSR500P | PA Support TSPA Orientation | 3 | 181 | 01OCT96 | 20JUN97 |
| SR500M2 - Cmpl TSPA Orientation/PR Interim Repor | | | | | |
| Detail Activities (PSS) | | | | | |
| SR500M2 | Cmpl TSPA Orient/Peer Review Interim Report | 2 | 0 | | 20JUN97* |
| SR520 - Site/Dsgn Proc Mdl Rvw/Peer Rvw Intr Rpt | | | | | |
| Detail Activities (PSS) | | | | | |
| SR520 | Site/Dsgn Proc Mdl Rvw/Peer Review Intrm Rprt | 2 | 269 | 17JUN97* | 26JUN98 |
| Detail LRP/IPS | | | | | |
| SLSR520A | Site/Design Process Model Review/PR Interim Rpt. | 3 | 185 | 01OCT97* | 26JUN98 |
| SR520M2 - Cmpl Proc Mdl Rvw/Peer Rvw Intrm Rpt | | | | | |
| Detail Activities (PSS) | | | | | |
| SR520M2 | Cmpl Proc Mdl Rvw/Peer Review Interim Report | 2 | 0 | | 26JUN98* |
| SR522 - Scenario Review/Peer Review Report | | | | | |
| Detail Activities (PSS) | | | | | |
| SR522 | Scenario Review/Peer Review Report | 2 | 459 | 30SEP96* | 02JUL98 |
| Detail LRP/IPS | | | | | |
| SLSR522A | Scenario Review/Peer Review Report | 3 | 189 | 01OCT97 | 02JUL98 |
| SLSR522P | PA Support Scenario Review/PR Report | 3 | 189 | 01OCT97 | 02JUL98 |
| SR522M2 - Cmpl Scenario Review/Per Rvw Intrm Rpt | | | | | |
| Detail Activities (PSS) | | | | | |
| SR522M2 | Cmpl Scenario Review/Peer Review Report | 2 | 0 | | 02JUL98* |
| SR540 - Abstr Mdl Rvw/Per Rvw Interim Report | | | | | |
| Detail Activities (PSS) | | | | | |

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|---|---|---|
| Project Start | 01OCT95 | Early |
| Project Finish | 01MAR02 | Progress Bar |
| Data Date | 01OCT95 | Critical Activity |
| Plot Date | 17JUL96 | |

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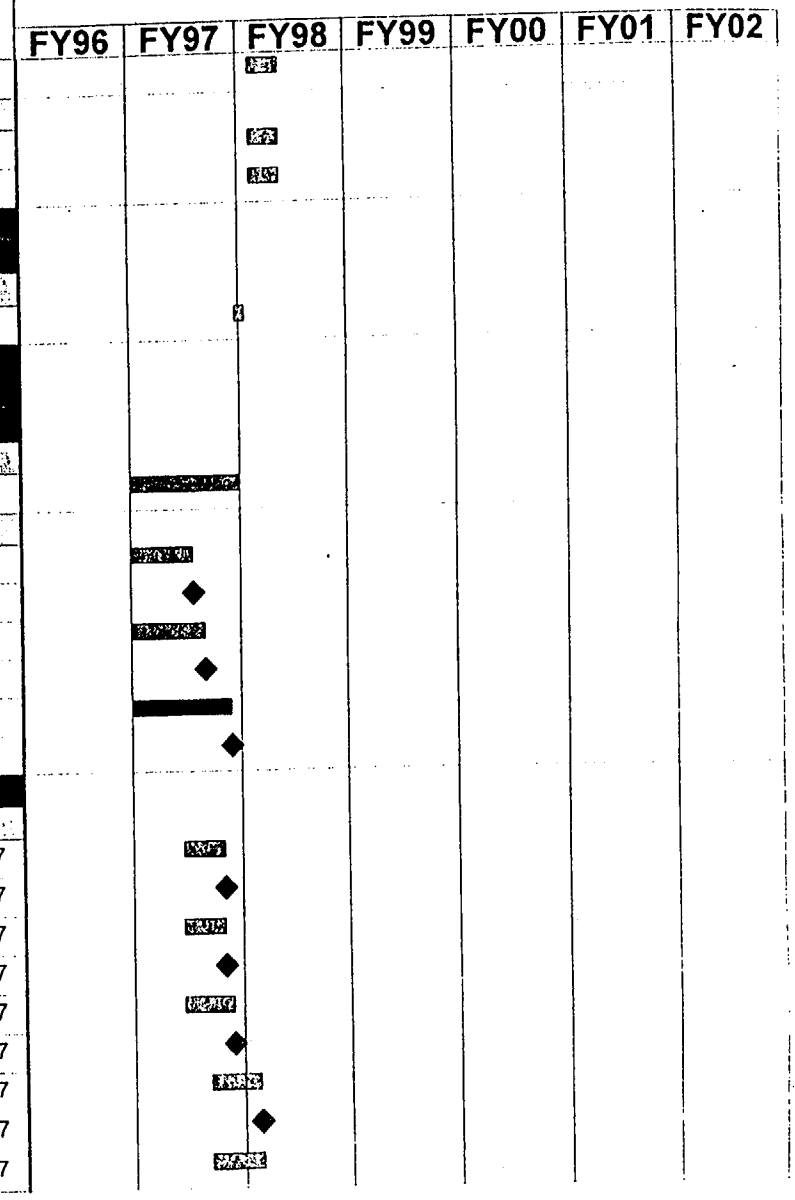
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approve |
|---|---|---|---|
| | | | |

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SR540 | Abstr Model Rvw/Peer Review Interim Report | 2 | 73 | 11NOV97* | 19FEB98 |
| **Detail LRP/IPS** | | | | | |
| SLSR540A | Abstract Model Review/PR Interim Report | 3 | 67 | 13NOV97* | 20FEB98 |
| SLSR540P | PA Support Abstract Model Review/PR Interim Rpt. | 3 | 67 | 13NOV97 | 20FEB98 |
| Notice of Proposed 10CFR960 Rule Making | | | | | |
| **Detail LRP/IPS** | | | | | |
| SLNR1L1 | Prepare 10CFR960 Final Rule for Publication | 3 | 20 | 23SEP97 | 21OCT97 |
| ST23D - Synthesize Data/Write Chapter 2.3, Geolo | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST23D | Synthesize Data/Write Chapter 2.3, Geologic Sys | 2 | 260 | 01OCT96 | 29SEP97 |
| **Detail LRP/IPS** | | | | | |
| SP23FA3 | Collect Engineering Geology Data & Prep Report | 3 | 143 | 01OCT96 | 28APR97 |
| SP23FM3 | ESF Engineering Geology Report | 3 | 0 | | 28APR97 |
| SP23GA3 | Prepare Natural Resources Final Report | 3 | 168 | 01OCT96 | 03JUN97 |
| SP23GM3 | Natural Resources Final Report | 3 | 0 | | 03JUN97 |
| SP23CA3 | Develop PISA Chapter 2.3 (Geologic Systems) | 3 | 231 | 01OCT96 | 02SEP97 |
| SP23CM3 | PISA Chapter 2.3 (Geologic Systems) | 3 | 0 | | 02SEP97 |
| ST24D - Synthesize Data/Write Ch 2.4, Hydrologic | | | | | |
| **Detail LRP/IPS** | | | | | |
| SP23OA3 | Prepare Regional SZ Syntheses Report | 3 | 98 | 17MAR97 | 01AUG97 |
| SP23OM3 | Regional SZ Syntheses Report | 3 | 0 | | 01AUG97 |
| SP23PD3 | Prepare C-Well Data Report | 3 | 98 | 17MAR97 | 01AUG97 |
| SP23PM3 | Results of Hydraulic and Tracer Tests at C-Wells | 3 | 0 | | 01AUG97 |
| SP23NA3 | Prepare Site SZ Syntheses Report | 3 | 118 | 17MAR97 | 29AUG97 |
| SP23NM3 | Site SZ Syntheses Report | 3 | 0 | | 29AUG97 |
| SP23MA3 | Prepare Site UZ Syntheses Report | 3 | 118 | 10JUN97 | 26NOV97 |
| SP23MM3 | Site UZ Syntheses Report | 3 | 0 | | 26NOV97 |
| SP23LA3 | Prep Rpt: Perched Water Distib/Occur Reposit Blk | 3 | 119 | 10JUN97 | 01DEC97 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

Early
Progress Bar
Critical Activity

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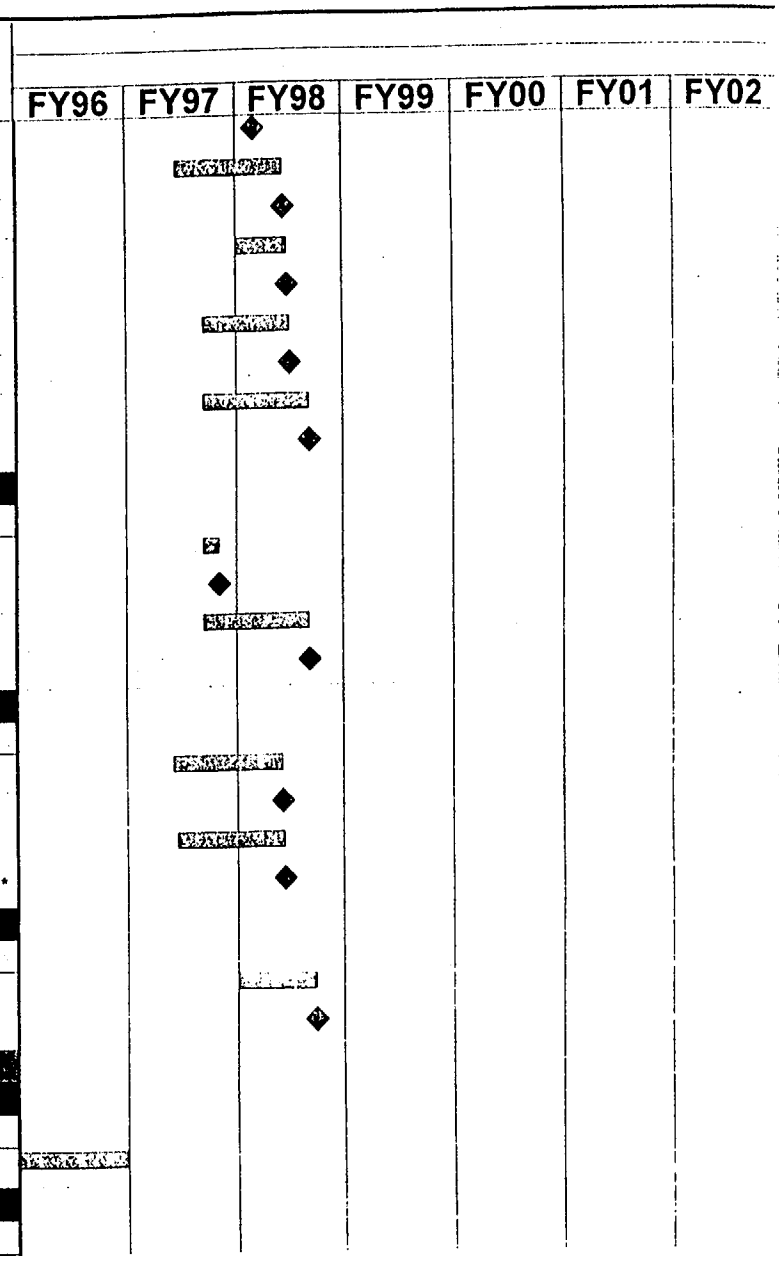
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approve |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SP23LM3 | Distib & Occurrences Perched Water Reposit Block | 3 | 0 | | 01DEC97 |
| SSNE636 | Prepare Input for PISA Section 2.4.1 | 3 | 250 | 17MAR97* | 13MAR98 |
| SSNE638 | Submit PISA Section 2.4.1 | 3 | 0 | | 13MAR98 |
| SP23JA3 | Prep Rpt: Hyd Signif Major Flts/Fracts Rep Block | 3 | 119 | 01OCT97 | 25MAR98 |
| SP23JM3 | Rpt: Hyd Signif Major Flts/Fracts Reposit Block | 3 | 0 | | 25MAR98 |
| SP23KD3 | Analyze/Prep Rpt: Num Ages UZ Frac Fill Coatings | 3 | 201 | 10JUN97 | 30MAR98 |
| SP23KM3 | Distib/Analys Num Ages UZ Frac Fill Coatings | 3 | 0 | | 30MAR98 |
| SP3220A | Develop PISA Chapter 2.4 (Hydrology) | 3 | 250 | 10JUN97 | 08JUN98 |
| SP3220M3 | PISA Chapter 2.4 (Hydrology) | 3 | 0 | | 08JUN98 |
| ST25D - Synthesize Data/Write Ch 2.5, Geochem Sy | | | | | |
| Detail LRP/IPS | | | | | |
| SP23QB3 | Prepare Geochem/Transpt Lab Tests Report | 3 | 39 | 09JUN97 | 01AUG97 |
| SP23QM3 | Summ Report Geochem/Transport Laboratory Tests | 3 | 0 | | 01AUG97 |
| SP3240A3 | Develop PISA Chapter 2.5 (Geochemistry) | 3 | 250 | 09JUN97 | 05JUN98 |
| SP3240M3 | PISA Chapter 2.5 (Geochemistry) | 3 | 0 | | 05JUN98 |
| ST26D - Synthesize Data/Write Ch 2.6, Climatic S | | | | | |
| Detail LRP/IPS | | | | | |
| SSNE642 | Prepare Input for PISA Section 2.6 | 3 | 250 | 04MAR97* | 02MAR98 |
| SSNE644 | Submit PISA Section 2.6 | 3 | 0 | | 02MAR98 |
| SP3260A | Develop PISA Chapter 2.6 (Climate) | 3 | 250 | 14MAR97* | 12MAR98 |
| SP3260M3 | PISA Chapter 2.6 (Climate) | 3 | 0 | | 12MAR98* |
| ST27D - Synthesize Data/Write Ch 2.7, Near Field | | | | | |
| Detail LRP/IPS | | | | | |
| SP3280A3 | Develop PISA Chapter 2.7 (NFE) | 3 | 186 | 01OCT97 | 29JUN98 |
| SP3280M3 | PISA Chapter 2.7 (NFE) | 3 | 0 | | 29JUN98 |
| ST23A - Structural/Stratigraphic Data Collection | | | | | |
| Detail Activities (PSS) | | | | | |
| ST23A | Structural/Stratigraphic Data Collection | 2 | 261 | 02OCT95 | 30SEP96 |
| ST23B - 3D Geologic Model Development | | | | | |
| Detail Activities (PSS) | | | | | |

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|---|---|---|
| Project Start | 01OCT95 | Early |
| Project Finish | 01MAR02 | Progress Bar |
| Data Date | 01OCT95 | Critical Activity |
| Plot Date | 17JUL96 | |

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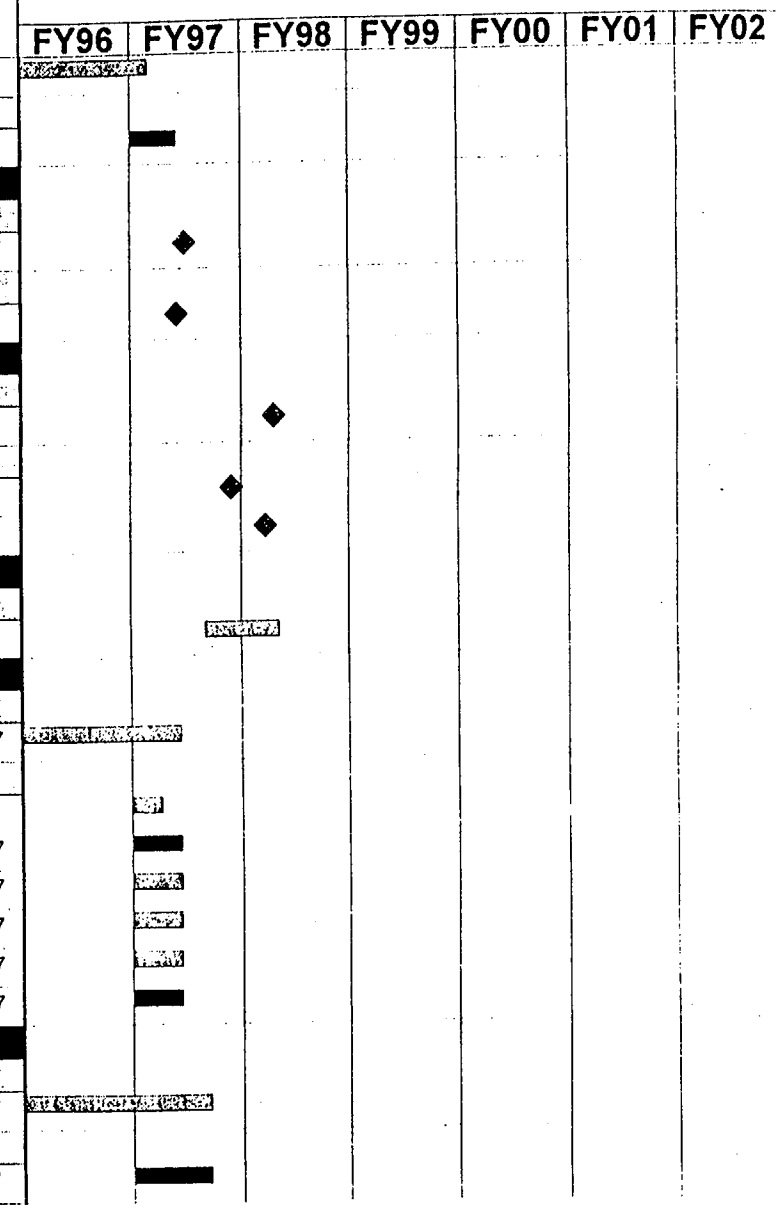
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approv |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| ST23B | 3D Geologic Model Development | 2 | 305 | 02OCT95 | 29NOV96 |
| **Detail LRP/IPS** | | | | | |
| SP23BA3 | Update Integrated Site 3-D Geo Framework Model | 3 | 102 | 01OCT96 | 28FEB97 |
| **ST23BM2 - 3D Geologic Model Acceptance** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST23BM2 | 3D Geologic Model Acceptance | 2 | 0 | | 28MAR97 |
| **Detail LRP/IPS** | | | | | |
| SP23BM3 | Updated Integrated Site 3-D Geo Framework Model | 3 | 0 | | 28FEB97 |
| **ST23DM2 - Complete PSHA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST23DM2 | Complete Prob Seismic Hazard Analysis | 2 | 0 | | 20JAN98 |
| **Detail LRP/IPS** | | | | | |
| SP23IM3 | PSHA Report of Yucca Mountain | 3 | 0 | | 02SEP97 |
| SP24IM3 | Report Seismic Design Inputs from PSHA | 3 | 0 | | 19DEC97 |
| **ST23E - Geologic Confirmatory Testing** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST23E | Geologic Confirmatory Testing | 2 | 175 | 04JUN97 | 03FEB98 |
| **ST24A - Hydrologic Data Collection** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST24A | Hydrologic Data Collection | 2 | 380 | 02OCT95 | 14MAR97 |
| **Detail LRP/IPS** | | | | | |
| SP3500A3 | Instrument & Conduct Test in N. GDF | 3 | 64 | 01OCT96 | 06JAN97 |
| SP22BB3 | Collect Borehole and ESF UZ Data | 3 | 112 | 01OCT96 | 14MAR97 |
| SP22DB3 | Collect Borehole SZ Data (non C-Well) | 3 | 112 | 01OCT96 | 14MAR97 |
| SP23KA3 | Analyze Num Ages UZ Frac Fill Coatings | 3 | 112 | 01OCT96 | 14MAR97 |
| SP23PA3 | Collect C-Well Data | 3 | 112 | 01OCT96 | 14MAR97 |
| SP3411A3 | Provide Test Mgt. & Support: Hydro Data Collect | 3 | 112 | 01OCT96 | 14MAR97 |
| **ST24B - Hydrologic Model Development** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST24B | Hydrologic Model Development | 2 | 446 | 02OCT95 | 16JUN97 |
| **Detail LRP/IPS** | | | | | |
| SP24BA3 | Prepare UZ Site Flow Model | 3 | 177 | 01OCT96 | 16JUN97 |

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|---|---|---|
| Project Start | 01OCT95 | Early |
| Project Finish | 01MAR02 | Progress Bar |
| Data Date | 01OCT95 | Critical Activity |
| Plot Date | 17JUL96 | |

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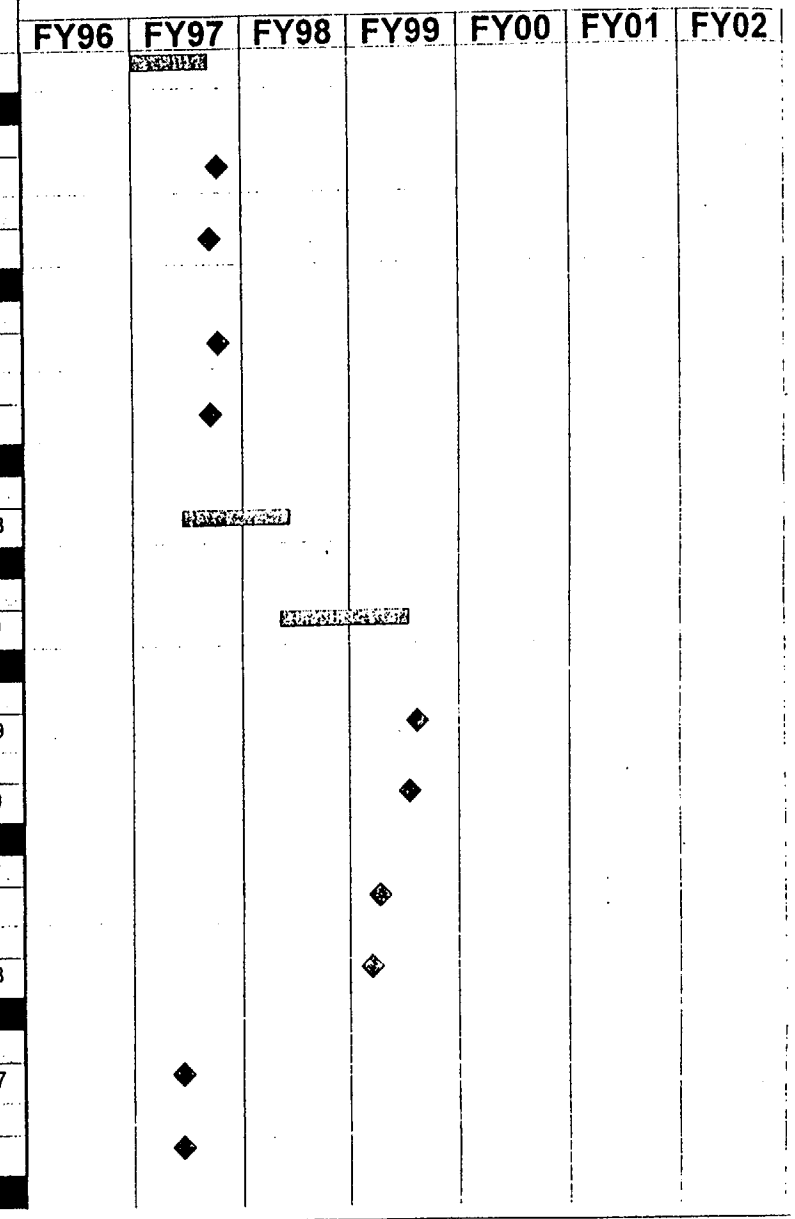
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approv |
|---|---|---|---|
| | | | |

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SP24CBA3 | Prepare SZ Site Flow Model | 3 | 177 | 01OCT96 | 16JUN97 |
| **ST24BM2 - UZ Site Flow Model Acceptance** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST24BM2 | UZ Site Flow Model Acceptance | 2 | 0 | | 15JUL97 |
| **Detail LRP/IPS** | | | | | |
| SP24BM3 | UZ Site Flow Model | 3 | 0 | | 16JUN97 |
| **ST24BM2A - SZ Site Flow Model Acceptance** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST24BM2A | SZ Site Flow Model Acceptance | 2 | 0 | | 15JUL97 |
| **Detail LRP/IPS** | | | | | |
| SP24CBM3 | SZ Site Flow Model | 3 | 0 | | 16JUN97 |
| **ST24D - Synthesize Data/Write Ch 2.4, Hydrologic** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST24D | Synthesize Data/Write Ch 2.4, Hydrologic Sys | 2 | 260 | 17MAR97 | 13MAR98 |
| **ST24E - Hydrologic Confirmatory Testing** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST24E | Hydrologic Confirmatory Testing | 2 | 312 | 04FEB98 | 15APR99 |
| **ST24EM2 - Confirm Flow Models for LA Acceptance** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST24EM2 | Confirm Flow Models for LA Acceptance | 2 | 0 | | 13MAY99 |
| **Detail LRP/IPS** | | | | | |
| SP3540M3 | Confirmatory Flow Models for LA Acceptance | 3 | 0 | | 15APR99 |
| **ST24EM2A - Complete Ghost Dance Fault Testing** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST24EM2A | Complete Ghost Dance Fault Testing | 2 | 0 | | 08JAN99 |
| **Detail LRP/IPS** | | | | | |
| SP3515M3 | Ghost Dance Fault Testing Report | 3 | 0 | | 09DEC98 |
| **ST24M2A - Initiate GDF 1 Alcove Testing** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST24M2A | Initiate GDF 1 Alcove Testing | 2 | 0 | | 19MAR97 |
| **Detail LRP/IPS** | | | | | |
| SP3500M3 | Initiate North GDF Alcove Testing | 3 | 0 | 19MAR97* | |
| **ST24M2B - Initiate GDF 2 Testing** | | | | | |

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|---|---|---|
| Project Start | 01OCT95 | Early |
| Project Finish | 01MAR02 | Progress Bar |
| Data Date | 01OCT95 | Critical Activity |
| Plot Date | 17JUL96 | |

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CON2

YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approve |
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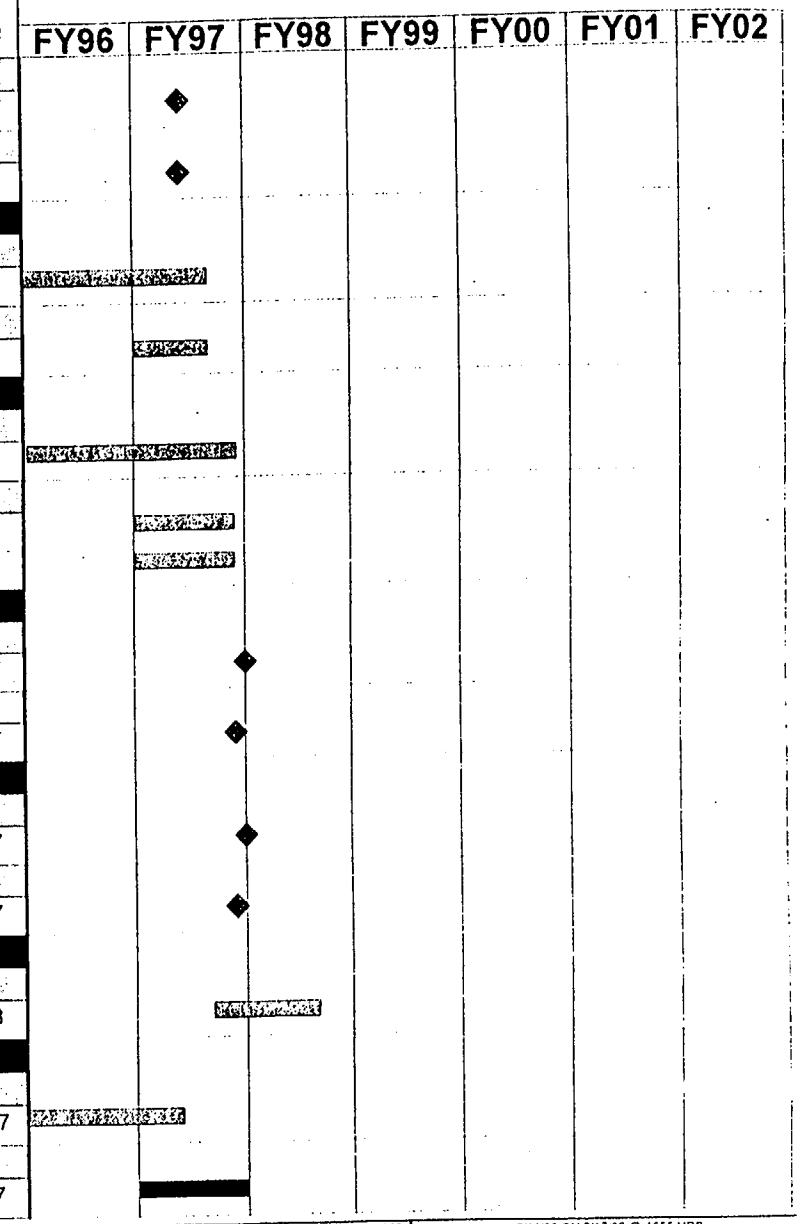
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| Detail Activities (PSS) | | | | | |
| ST24M2B | Initiate GDF 2 Testing | 2 | 0 | | 03MAR97 |
| Detail LRP/IPS | | | | | |
| SP3505M3 | Initiate South GDF Testing Geothermal Borehole | 3 | 0 | 03MAR97* | |
| ST25A - Mineralogy/Petrology/Geochemical Data Co | | | | | |
| Detail Activities (PSS) | | | | | |
| ST25A | Mineralogy/Petrology/Geochemical Data Collection | 2 | 440 | 02OCT95 | 06JUN97 |
| Detail LRP/IPS | | | | | |
| SP23QA3 | Conduct Lab Tests | 3 | 171 | 01OCT96 | 06JUN97 |
| ST25B - Transport Model Development | | | | | |
| Detail Activities (PSS) | | | | | |
| ST25B | Transport Model Development | 2 | 496 | 16OCT95 | 08SEP97 |
| Detail LRP/IPS | | | | | |
| SP25BA3 | Prepare UZ Site Transport Model | 3 | 231 | 01OCT96 | 02SEP97 |
| SP25CBA3 | Prepare SZ Site Transport Model | 3 | 231 | 01OCT96 | 02SEP97 |
| ST25BM2 - UZ Site Transport Model Acceptance | | | | | |
| Detail Activities (PSS) | | | | | |
| ST25BM2 | UZ Site Transport Model Acceptance | 2 | 0 | | 30SEP97 |
| Detail LRP/IPS | | | | | |
| SP25BM3 | UZ Site Transport Model | 3 | 0 | | 02SEP97 |
| ST25BM2A - SZ Site Transport Model Acceptance | | | | | |
| Detail Activities (PSS) | | | | | |
| ST25BM2A | SZ Site Transport Model Acceptance | 2 | 0 | | 30SEP97 |
| Detail LRP/IPS | | | | | |
| SP25CM3A | SZ Site Transport Model | 3 | 0 | | 02SEP97 |
| ST25D - Synthesize Data/Write Ch 2.5, Geochem Sy | | | | | |
| Detail Activities (PSS) | | | | | |
| ST25D | Synthesize Data/Write Ch 2.5, Geochem Sys | 2 | 260 | 09JUN97 | 05JUN98 |
| ST26A - Meteorologic/Paleoclimate Data Collectio | | | | | |
| Detail Activities (PSS) | | | | | |
| ST26A | Meteorologic/Paleoclimate Data Collection | 2 | 371 | 02OCT95 | 03MAR97 |
| Detail LRP/IPS | | | | | |
| SP3367A3 | Collect Paleoclimate/Meterologic Data | 3 | 251 | 01OCT96 | 30SEP97 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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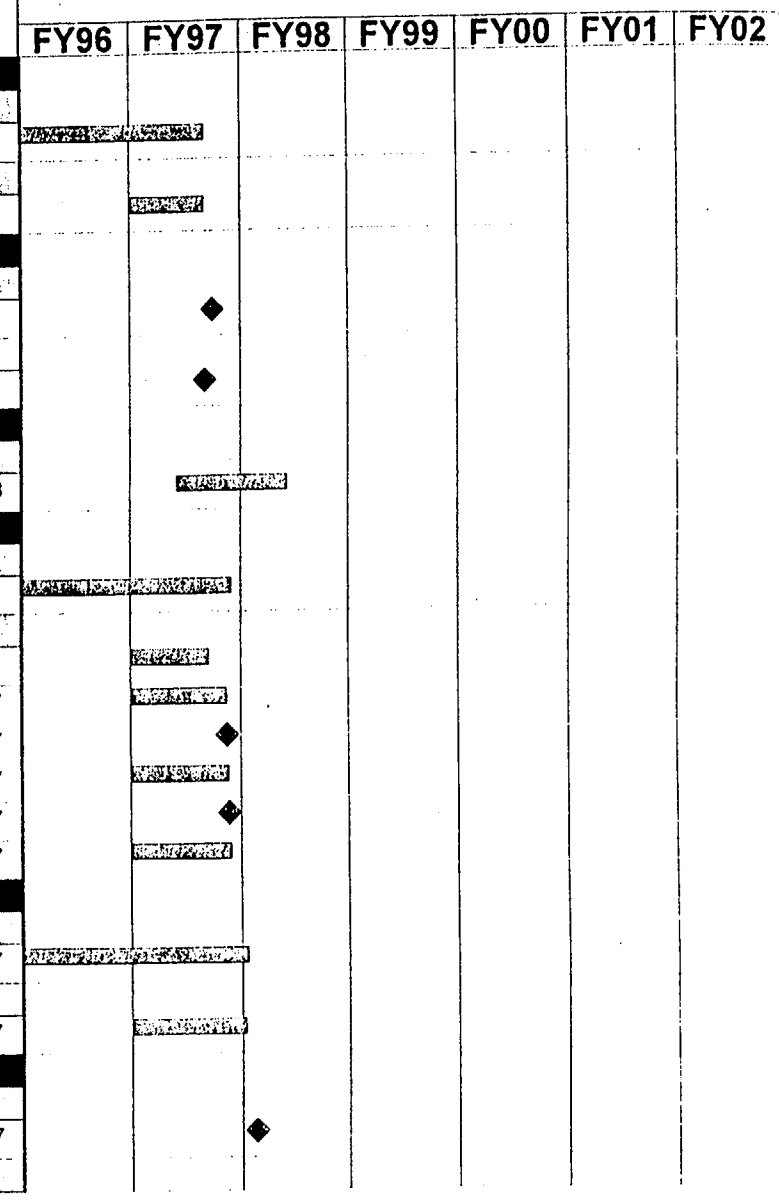
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approve |
|---|---|---|---|
| | | | |

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| **ST26B - Climate Model Development** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST26B | Climate Model Development | 2 | 436 | 02OCT95 | 02JUN97 |
| **Detail LRP/IPS** | | | | | |
| SP26BA3 | Conduct Future Climate Mod Scenarios & Prep Rpt | 3 | 168 | 01OCT96 | 03JUN97 |
| **ST26BM2 - Future Climate Scenarios Acceptance** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST26BM2 | Future Climate Scenarios Acceptance | 2 | 0 | | 01JUL97 |
| **Detail LRP/IPS** | | | | | |
| SP26BM3 | Future Climate Modeling Scenarios | 3 | 0 | | 03JUN97 |
| **ST26D - Synthesize Data/Write Ch 2.6, Climatic S** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST26D | Synthesize Data/Write Ch 2.6, Climatic Sys | 2 | 260 | 04MAR97 | 02MAR98 |
| **ST27A - Near Field Data Collection** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST27A | Near Field Data Collection | 2 | 501 | 02OCT95 | 01SEP97 |
| **Detail LRP/IPS** | | | | | |
| SP3003A3 | Conduct Laboratory Thermal Test | 3 | 179 | 01OCT96 | 18JUN97 |
| SP3005A3 | Prepare Rpt: Thermally Driven Coupled Processes | 3 | 221 | 01OCT96 | 18AUG97 |
| SP3005M3 | Report on Thermally Driven Coupled Processes | 3 | 0 | | 18AUG97 |
| SP3000A3 | Prepare Near Field Environ Rpt: Vol 1 Rev 1 | 3 | 226 | 01OCT96 | 25AUG97 |
| SP3000M3 | Near Field Environmental Rpt Vol 1 Rev 1 | 3 | 0 | | 25AUG97 |
| SP27AB3 | Near Field Data Collection | 3 | 230 | 01OCT96 | 29AUG97 |
| **ST27B - Near Field Environ. Model Development** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST27B | Near Field Environ. Model Development | 2 | 536 | 02OCT95 | 20OCT97 |
| **Detail LRP/IPS** | | | | | |
| SP3100A3 | Near Field Environ. Model Development | 3 | 263 | 01OCT96 | 17OCT97 |
| **ST27BM2A - Near Field Models Acceptance** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST27BM2A | Near Field Models Acceptance | 2 | 0 | | 17NOV97 |
| **Detail LRP/IPS** | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
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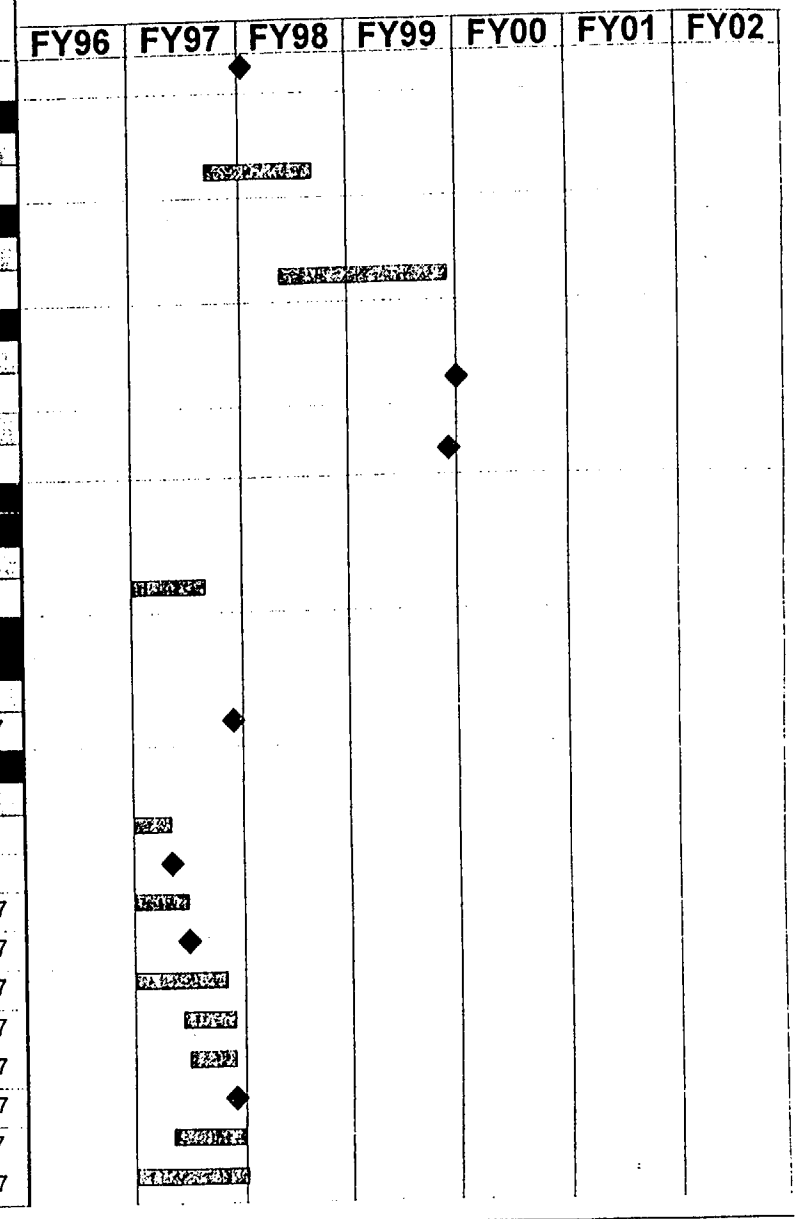
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

Date | Revision | Checked | Approve

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SP3100M3 | Near Field Environmental Models Report | 3 | 0 | | 17OCT97 |
| **ST27D - Synthesize Data/Write Ch 2.7, Near Field** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST27D | Synthesize Data/Write Ch 2.7, Near Field Env | 2 | 260 | 10JUN97 | 08JUN98 |
| **ST27E - Near Field Environment Confirmatory Test** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST27E | Near Field Environment Confirmatory Testing | 2 | 406 | 11FEB98 | 01SEP99 |
| **ST27EM2 - Confirm Near Field Models for LA Accep** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST27EM2 | Confirm Near Field Models for LA Acceptance | 2 | 0 | | 30SEP99 |
| **Detail LRP/IPS** | | | | | |
| SP3620M3 | Confirmatory Near Field Models for LA Acceptance | 3 | 0 | | 01SEP99 |
| **ST23E - Geologic Confirmatory Testing** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SP23HA3 | Prepare Post Closure Tectonic Effects | 3 | 168 | 01OCT96 | 03JUN97 |
| **ST205 - Single Heater Test: Cool-Down** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SP23RM3 | Status Report on Single Element Heater Test | 3 | 0 | | 29AUG97 |
| **ST27A - Near Field Data Collection** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SP9901A3 | Large Block Test Preparation & Installation | 3 | 85 | 01OCT96 | 04FEB97 |
| SP9901C3 | Initiate Heat-Up Cycle of LBT | 3 | 0 | | 04FEB97 |
| SP3305A3 | Finalize Drift-Scale Des/Conduct Pretest Anaysis | 3 | 123 | 01OCT96 | 31MAR97 |
| SP3305M3 | Drift Scale Test Design and Forecast Results | 3 | 0 | | 31MAR97 |
| SP194A3 | Procure Hardware for Thermal Tests | 3 | 213 | 01OCT96 | 06AUG97 |
| SP23RA3 | Prepare Status Report Single Element Heater Tst | 3 | 122 | 11MAR97 | 29AUG97 |
| SP9903A3 | Prepare LBT Status Report | 3 | 108 | 31MAR97* | 29AUG97 |
| SP9903M3 | LBT Status Report | 3 | 0 | | 29AUG97 |
| SP9902A3 | Conduct Large Block Test | 3 | 166 | 05FEB97 | 30SEP97 |
| SP3308A3 | Characterize Ambient Drift Scale Test Area | 3 | 256 | 01OCT96 | 07OCT97 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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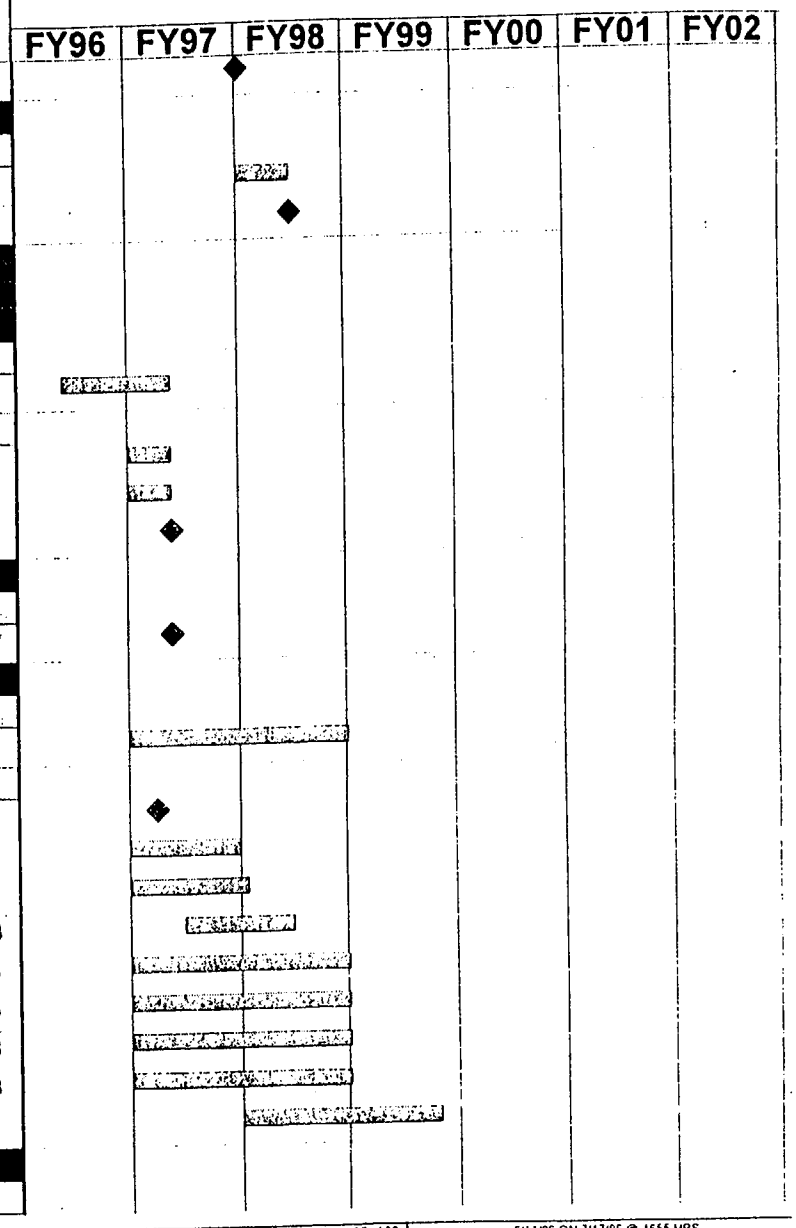
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

Date | Revision | Checked | Approv.

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SP3308M3 | Rpt: Ambient Character of Drift Scale Test Area | 3 | 0 | | 07OCT97 |
| **ST27E - Near Field Environment Confirmatory Test** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SP9904A3 | Conduct Post Tests/Analysis & Prep Report | 3 | 125 | 01OCT97 | 02APR98 |
| SP9904M3 | Final LBT Report | 3 | 0 | | 02APR98 |
| **WP0035 - Prepare Waste Form Char. Rpt. Rev 1** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| WP0035 | Prepare Waste Form Char. Rpt. Rev 1 | 2 | 259 | 01MAR96 | 26FEB97 |
| **Detail LRP/IPS** | | | | | |
| WP00351 | Assemble Data & Process Models | 3 | 100 | 01OCT96* | 26FEB97 |
| WP0035A | Prepare & Review WFCR Rev 1 | 3 | 100 | 01OCT96* | 26FEB97 |
| WP0035A3 | Issue Waste Form Char. Rpt. Rev.I | 3 | 0 | | 26FEB97 |
| **WP0035M2B - Compl Waste Form Char. Rpt. Rev 1** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| WP0035M2B | Complete Waste Form Char. Rpt. Rev 1 | 2 | 0 | | 26FEB97* |
| **WP085 - Short Term Waste Form Testing-2** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| WP085 | Short Term Waste Form Testing-2 | 2 | 527 | 01OCT96 | 07OCT98 |
| **Detail LRP/IPS** | | | | | |
| WP0850 | Receive PA Data Needs for TSPA - VA | 3 | 0 | 03JAN97 | |
| WP0703 | Support PA Working Groups | 3 | 251 | 01OCT96* | 30SEP97 |
| WP0860 | Procure Approved Test Materials | 3 | 273 | 01OCT96* | 31OCT97 |
| WP0855 | Measure Releases from SNF Hardware | 3 | 251 | 01APR97* | 31MAR98 |
| WP0851 | Develop Process Models for the Degradation Modes | 3 | 507 | 01OCT96* | 07OCT98 |
| WP0852 | Measure Oxidation Using TGA Techniques | 3 | 507 | 01OCT96* | 07OCT98 |
| WP0853 | Measure Dissolution in Flow-Through Tests | 3 | 507 | 01OCT96* | 07OCT98 |
| WP0854 | Measure HLWG Degradation Process Model Parameter | 3 | 507 | 01OCT96* | 07OCT98 |
| WP0705 | Review TSPA Results | 3 | 459 | 01OCT97 | 30JUL99 |
| **WP110 - Prepare Waste Form Char. Rpt. Rev 2** | | | | | |
| **Detail Activities (PSS)** | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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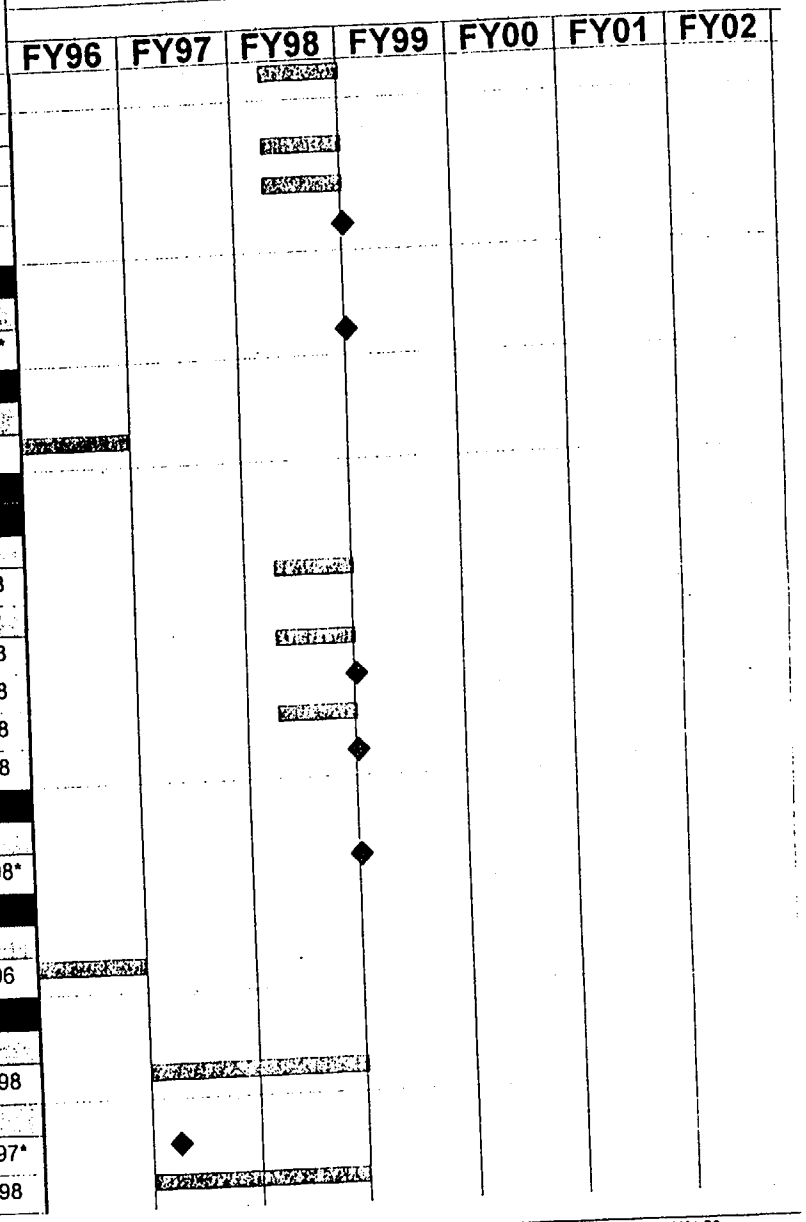
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

Date | Revision | Checked | Approve

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| WP110 | Prepare Waste Form Char. Rpt. Rev 2 | 2 | 194 | 09JAN98 | 07OCT98 |
| Detail LRP/IPS | | | | | |
| WP1101 | Assemble Data and Process Models | 3 | 190 | 09JAN98* | 07OCT98 |
| WP110A | Prepare & Review the WFCR Rev. 2 | 3 | 190 | 09JAN98* | 07OCT98 |
| WP110A3 | Issue Waste Form Char. Rpt. Rev 2 | 3 | 0 | | 07OCT98 |
| WP110M2B - Compl Waste Form Char. Rpt. Rev 2 | | | | | |
| Detail Activities (PSS) | | | | | |
| WP110M2B | Complete Waste Form Char. Rpt. Rev 2 | 2 | 0 | | 07OCT98* |
| WP120 - Short-Term Waste Form Testing-1 | | | | | |
| Detail Activities (PSS) | | | | | |
| WP120 | Short-Term Waste Form Testing-1 | 2 | 261 | 02OCT95 | 30SEP96 |
| WP0020 - Prepare Engr.Matls. Char. Rpt. Rev 2 | | | | | |
| Detail Activities (PSS) | | | | | |
| WP0020 | Prepare Engr. Matls. Char. Rpt. Rev 2 | 2 | 194 | 09JAN98 | 07OCT98 |
| Detail LRP/IPS | | | | | |
| WP00202 | Assemble Data & Process Models | 3 | 190 | 09JAN98* | 07OCT98 |
| WP00202A | Assembled Data & Process Models | 3 | 0 | | 07OCT98 |
| WP0020A | Prepare & Review EMCR Rev 02 | 3 | 190 | 09JAN98* | 07OCT98 |
| WP0020A3 | Issue Engr. Matls. Char. Rpt. Rev 2 | 3 | 0 | | 07OCT98 |
| WP0020M2B - Compl Engr. Matls. Char. Rpt. Rev 2 | | | | | |
| Detail Activities (PSS) | | | | | |
| WP0020M2B | Complete Engr. Matls. Char. Rpt. Rev 2 | 2 | 0 | | 07OCT98* |
| WP0021 - Short Duration Materials Testing - 1 | | | | | |
| Detail Activities (PSS) | | | | | |
| WP0021 | Short Duration Materials Testing - 1 | 2 | 261 | 02OCT95 | 30SEP96 |
| WP0026 - Short Duration Materials Testing - 2 | | | | | |
| Detail Activities (PSS) | | | | | |
| WP0026 | Short Duration Materials Testing - 2 | 2 | 527 | 01OCT96 | 07OCT98 |
| Detail LRP/IPS | | | | | |
| WP00260 | Receive PA Data Needs for TSPA - VA | 3 | 0 | | 02JAN97* |
| WP00261 | Develop EB Segment Material Models | 3 | 500 | 03OCT96 | 30SEP98 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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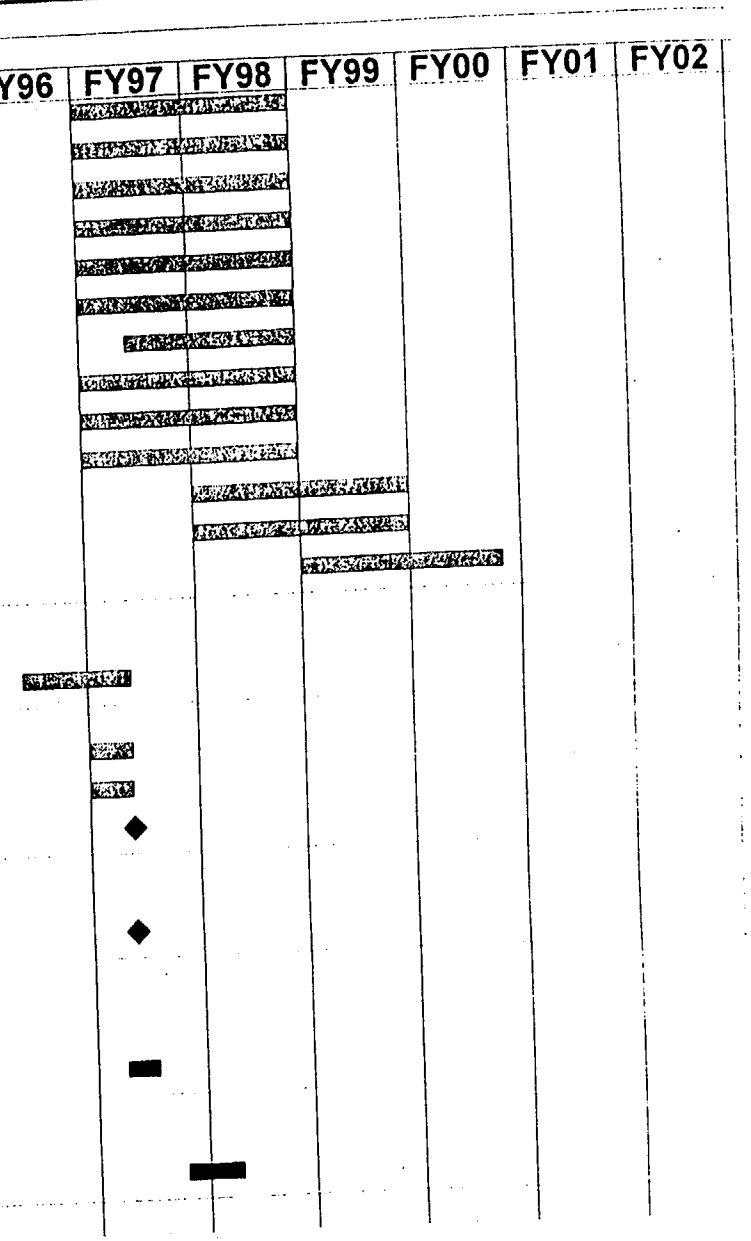
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Appro. |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| WP00262 | Test candidate metal barrier material | 3 | 500 | 03OCT96 | 30SEP98 |
| WP00263 | Measure Critical Pitting Potential | 3 | 500 | 03OCT96 | 30SEP98 |
| WP00264 | Measure Critical Crevice Potential | 3 | 500 | 03OCT96 | 30SEP98 |
| WP00265 | Measure air/steam oxidation | 3 | 500 | 03OCT96 | 30SEP98 |
| WP00267 | Measure MIC | 3 | 500 | 03OCT96 | 30SEP98 |
| WP00268 | Test Other EB Segment Materials | 3 | 500 | 03OCT96 | 30SEP98 |
| WP00270 | Develop Advanced Techniques | 3 | 400 | 03MAR97 | 30SEP98 |
| WP00271 | Develop Container Materls Models | 3 | 501 | 02OCT96 | 30SEP98 |
| WP00272 | Test Basket Material | 3 | 502 | 01OCT96 | 30SEP98 |
| WP07031 | Support PA Working Groups | 3 | 502 | 01OCT96 | 30SEP98 |
| WP00266 | Measure Environmentally Assist. Cracking | 3 | 502 | 01OCT97* | 30SEP99 |
| WP00269 | Determine Material Thermal Stability | 3 | 501 | 02OCT97* | 30SEP99 |
| WP07051 | Review TSPA Results | 3 | 459 | 01OCT98 | 31JUL00 |
| WP015 - Prepare Engr. Matls. Char. Rpt. Rev 1 | | | | | |
| Detail Activities (PSS) | | | | | |
| WP015 | Prepare Engr. Matls. Char. Rpt. Rev 1 | 2 | 259 | 01MAR96 | 26FEB97 |
| Detail LRP/IPS | | | | | |
| WP0152 | Assemble Data & Process Models | 3 | 100 | 01OCT96* | 26FEB97 |
| WP015A | Prepare & Review Engr. Matls. Char. Rpt. Rev 1 | 3 | 100 | 01OCT96* | 26FEB97 |
| WP015A3 | Issue Engr. Matls. Char. Rpt. Rev 1 | 3 | 0 | | 26FEB97 |
| WP015M2B - Compl Engr. Matls. Char. Rpt. Rev 1 | | | | | |
| Detail Activities (PSS) | | | | | |
| WP015M2B | Complete EMCR Rev 1 | 2 | 0 | | 26FEB97* |
| ST135 - Single Heater Test: Installation | | | | | |
| Detail Activities (PSS) | | | | | |
| ST135 | Single Heater Test: Installation | 2 | 76 | 08JAN97 | 23APR97 |
| ST140 - Drift Scale Heater Test: Installation | | | | | |
| Detail Activities (PSS) | | | | | |
| ST140 | Drift Scale Heater Test: Installation | 2 | 131 | 24JUL97 | 22JAN98 |
| Detail LRP/IPS | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
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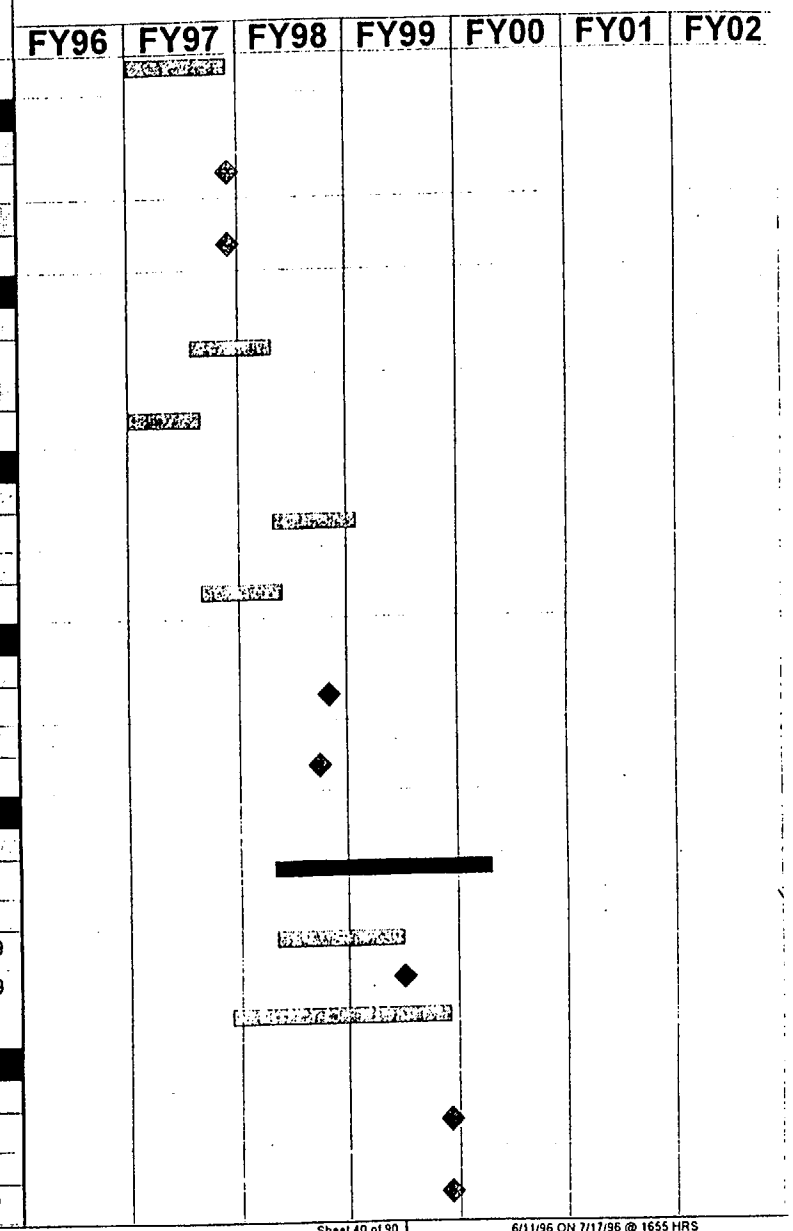
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

Date | Revision | Checked/Appr

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SP3320A3 | Drift Scale Heater Test: Installation | 3 | 230 | 01OCT96 | 29AUG97 |
| **ST140M2 - Initiate Drift Scale Thermal Test** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST140M2 | Initiate Drift Scale Thermal Test | 2 | 0 | | 29AUG97 |
| **Detail LRP/IPS** | | | | | |
| SP3320C3 | Initiate Heat-up Cycle of Drift Scale Test | 3 | 0 | 02SEP97 | |
| **ST195 - Single Heater Test: Heat-Up** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST195 | Single Heater Test: Heat-Up | 2 | 198 | 24APR97 | 26JAN98 |
| **Detail LRP/IPS** | | | | | |
| SP195A3 | Single Heater Test: Heat Up | 3 | 163 | 01OCT96 | 27MAY97 |
| **ST205 - Single Heater Test: Cool-Down** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST205 | Single Heater Test: Cool-Down | 2 | 200 | 27JAN98 | 02NOV98 |
| **Detail LRP/IPS** | | | | | |
| SP205A3 | Single Heater Test: Cool-Down | 3 | 188 | 28MAY97 | 26FEB98 |
| **ST205M2 - Single Heater Test Final Report Accept** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST205M2 | Single Heater Test Final Report Acceptance | 2 | 0 | | 28JUL98 |
| **Detail LRP/IPS** | | | | | |
| SP3120M3 | Single Heater Test Final Report | 3 | 0 | | 29JUN98 |
| **ST215 - Drift Scale Heater Test: Heat-Up** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST215 | Drift Scale Heater Test: Heat-Up | 2 | 520 | 23JAN98 | 20JAN00 |
| **Detail LRP/IPS** | | | | | |
| SP3330A3 | Prepare Drift Scale Test Status Rpt #1 | 3 | 292 | 02FEB98* | 31MAR99 |
| SP3330M3 | Drift Scale Test Status Report #1 | 3 | 0 | | 31MAR99 |
| SP3320F3 | Drift Scale Heater Test: Heat-Up | 3 | 504 | 02SEP97 | 02SEP99 |
| **ST215M2 - Complete Drift Scale Test Heat Up** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST215M2 | Complete Drift Scale Test Heat Up | 2 | 0 | | 02SEP99 |
| **Detail LRP/IPS** | | | | | |
| SP3334M3 | Complete Drift-Scale Heat-Up | 3 | 0 | | 02SEP99 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
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YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS
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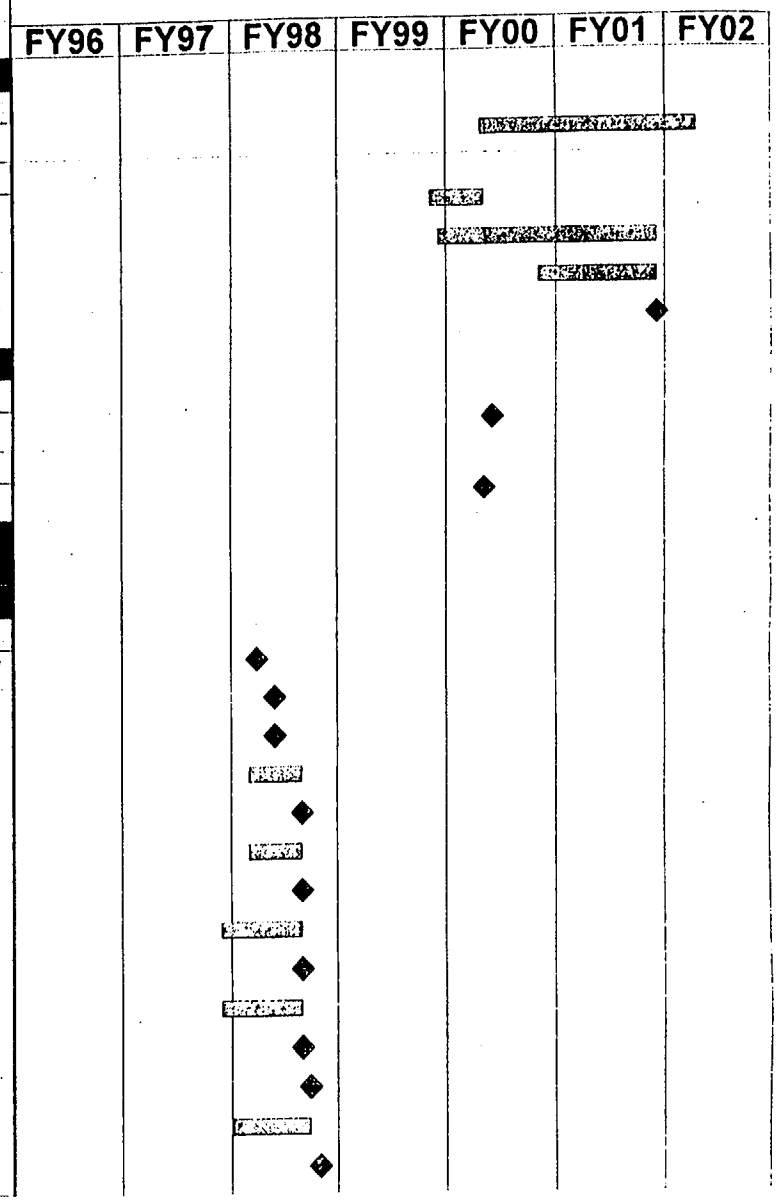
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| **ST225 - Drift Scale Heater Test: Cool-Down** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST225 | Drift Scale Heater Test: Cool-Down | 2 | 520 | 21JAN00* | 17JAN02 |
| **Detail LRP/IPS** | | | | | |
| SP3335B3 | Prepare Drift Scale Test Heating Phase Report | 3 | 120 | 10AUG99 | 02FEB00 |
| SP3335A3 | Drift Scale Heater Test: Cool-Down | 3 | 502 | 03SEP99 | 04SEP01 |
| SP3880A3 | Prepare Drift Scale Test Status Report #2 | 3 | 277 | 01AUG00* | 06SEP01 |
| SP3880M3 | Drift Scale Test Status Report #2 | 3 | 0 | | 06SEP01 |
| **ST225M2 - Drift Scale Heater Test Summary Report** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST225M2 | Drift Scale Heater Test Summary Report | 2 | 0 | | 02MAR00 |
| **Detail LRP/IPS** | | | | | |
| SP3335M3 | Drift Scale Test Heating Phase Report | 3 | 0 | | 02FEB00 |
| **MG010 - Write Dsgn/Opns PISA CH. 3,4,5,6,9,11** | | | | | |
| **Detail LRP/IPS** | | | | | |
| RPG10M3A | Submit Initial Draft Repository PISA Chapters | 3 | 0 | | 30DEC97* |
| WP050A9D | Issue Draft WPD Input to PISA Chap 5&6 | 3 | 0 | | 27FEB98* |
| WP0702A | Issue WPM Draft Input to PISA Chapter 5 & 6 | 3 | 0 | | 27FEB98* |
| SSNE624 | Prepare Input for PISA Sec. 2.1 (Geog. & Demog.) | 3 | 123 | 05DEC97* | 01JUN98 |
| SSNE626 | Submit PISA Section 2.1 | 3 | 0 | | 01JUN98 |
| SSNE630 | Prepare Input for PISA Section 2.2 | 3 | 123 | 05DEC97 | 01JUN98 |
| SSNE632 | Submit PISA Section 2.2 | 3 | 0 | | 01JUN98 |
| SSNE648 | Prepare Input for PISA Section 9.1 | 3 | 187 | 02SEP97* | 01JUN98 |
| SSNE650 | Submit PISA Section 9.1 | 3 | 0 | | 01JUN98 |
| SSNE654 | Prepare Input for PISA Section 9.4 | 3 | 187 | 02SEP97 | 01JUN98 |
| SSNE656 | Submit PISA Section 9.4 | 3 | 0 | | 01JUN98 |
| RPG10M3 | Submit Final Repository PISA Chapters | 3 | 0 | | 29JUN98 |
| RPG1402B | Write PISA | 3 | 186 | 01OCT97* | 29JUN98 |
| WP050A9E | Issue Final WPD input to PISA Chap 5&6 | 3 | 0 | | 29JUL98 |

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| Project Start | 01OCT95 |
| Project Finish | 01MAR02 |
| Data Date | 01OCT95 |
| Plot Date | 17JUL96 |

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YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



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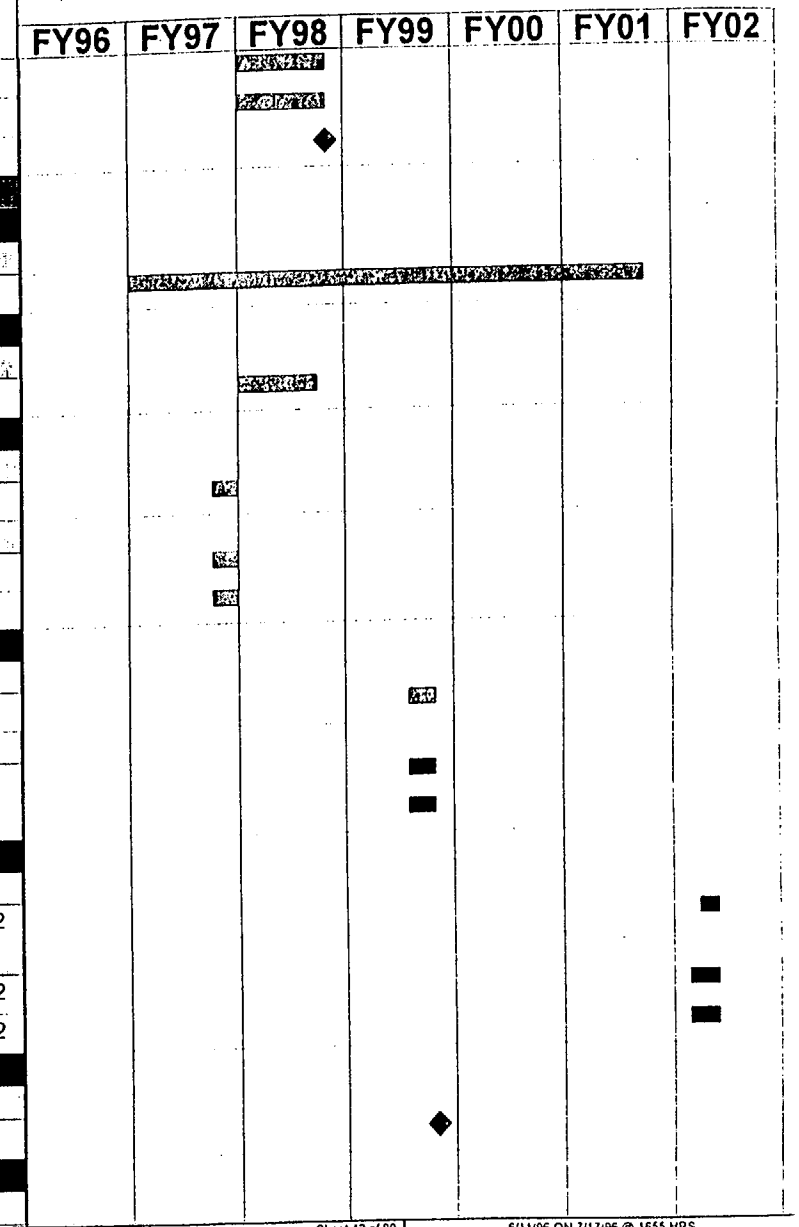
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| WP050A9M | Prepare WPD Input to PISA Chap 5&6 | 3 | 207 | 01OCT97* | 29JUL98 |
| WP0702 | Issue WPM Input to PISA Chapter 5 & 6 | 3 | 207 | 01OCT97* | 29JUL98 |
| WP0702B | Issue Final WPM input to PISA Chapter 5 & 6 | 3 | 0 | | 29JUL98 |
| IN02X - Waste Package Base Support | | | | | |
| Detail LRP/IPS | | | | | |
| WP0701 | Provide WPM/WPD Input to Progress Reports | 3 | 1,192 | 01OCT96* | 02JUL01 |
| MG010 - Write Dsgn/Opns PISA CH. 3,4,5,6,9,11 | | | | | |
| Detail Activities (PSS) | | | | | |
| MG010 | Write Design/Operations PISA CH. 3,4,5,6,9,11 | 2 | 195 | 30SEP97 | 29JUN98 |
| MG050 - MGDS Design Phase I Review | | | | | |
| Detail Activities (PSS) | | | | | |
| MG050 | MGDS Design Phase I Review | 2 | 61 | 07JUL97 | 29SEP97 |
| Detail LRP/IPS | | | | | |
| RPMG05 | MGDS Design Phase I Review - Repository | 3 | 60 | 07JUL97* | 29SEP97 |
| WPMG05 | MGDS Dsgn Phase I Review - Waste Package | 3 | 60 | 07JUL97* | 29SEP97 |
| MG060 - MGDS Design Phase II Review | | | | | |
| Detail Activities (PSS) | | | | | |
| MG060 | MGDS Design Phase II Review | 2 | 66 | 30APR99 | 30JUL99 |
| Detail LRP/IPS | | | | | |
| RPMG06 | MGDS Design Phase II Review - Repository | 3 | 64 | 30APR99* | 30JUL99 |
| WPMG06 | MGDS Design Phase II Review - Waste Package | 3 | 64 | 30APR99* | 30JUL99 |
| MG070 - MGDS Design Phase III Review | | | | | |
| Detail Activities (PSS) | | | | | |
| MG070 | MGDS Design Phase III Review | 2 | 46 | 26DEC01 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| RPMG07 | MGDS Design Phase III Review-Repository | 3 | 66 | 27NOV01* | 01MAR02 |
| WPMG07 | MGDS Design Review Phase III - Waste Package | 3 | 66 | 27NOV01* | 01MAR02 |
| MG070M - Start MGDS Design - Phase III | | | | | |
| Detail Activities (PSS) | | | | | |
| MG070M2A | Start MGDS Design - Phase III | 2 | 0 | 02AUG99 | |
| MG070M2 - Complete MGDS Design Phase III | | | | | |
| Detail Activities (PSS) | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
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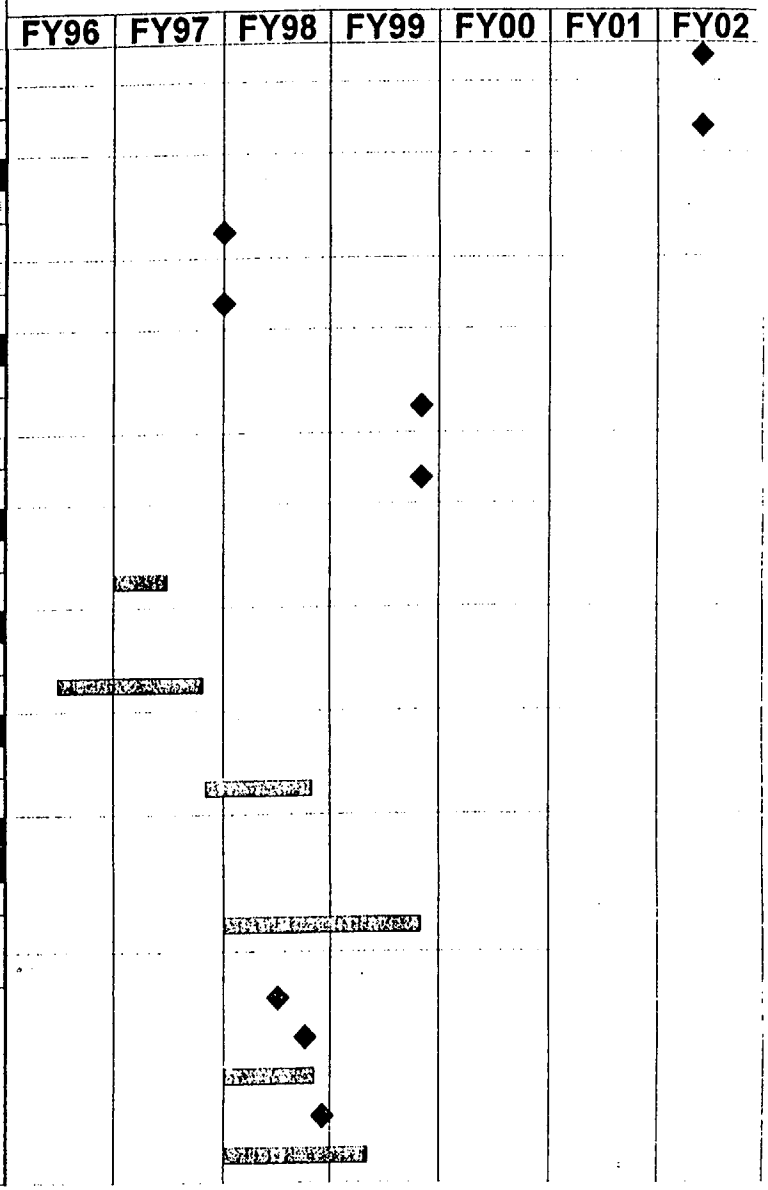
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

Date | Revision | Checked | Approved

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| MG070M2 | Complete MGDS Design Phase III | 2 | 0 | | 01MAR02 |
| Detail LRP/IPS | | | | | |
| RPMG07M3 | MGDS Design Review Phase III | 3 | 0 | | 01MAR02 |
| MG120M2 - Complete MGDS Design - Phase I | | | | | |
| Detail Activities (PSS) | | | | | |
| MG120M2 | Complete MGDS Design - Phase I | 2 | 0 | | 30SEP97 |
| Detail LRP/IPS | | | | | |
| RPMG12M3 | MGDS Dsgn Rev.Repository - Ph I | 3 | 0 | | 29SEP97 |
| MG170AM2 - Complete MGDS Design - Phase II | | | | | |
| Detail Activities (PSS) | | | | | |
| MG170AM2 | Complete MGDS Design - Phase II | 2 | 0 | | 30JUL99 |
| Detail LRP/IPS | | | | | |
| RPMG17M3 | MGDS Dsgn Review - Phase II | 3 | 0 | | 30JUL99 |
| XMG0018 - Finalize ConOps/Funct Flow | | | | | |
| Detail Activities (PSS) | | | | | |
| XMG0018 | Finalize ConOps/Funct Flow | 2 | 123 | 01OCT96* | 31MAR97 |
| XMG0070 - Develop TSLCC Input for VA | | | | | |
| Detail Activities (PSS) | | | | | |
| XMG0070 | Develop TSLCC Input for VA | 2 | 336 | 01APR96* | 30JUL97 |
| XMG0080 - Develop Final TSLCC Input | | | | | |
| Detail Activities (PSS) | | | | | |
| XMG0080 | Develop Final TSLCC Input | 2 | 246 | 04AUG97* | 27JUL98 |
| WP050 - EBS Design - Phase II | | | | | |
| Detail Activities (PSS) | | | | | |
| WP050 | EBS Design - Phase II | 2 | 475 | 06OCT97 | 30JUL99 |
| Detail LRP/IPS | | | | | |
| WP0509IB | Receive Dsgn Assess.Feedback from PA | 3 | 0 | | 30MAR98* |
| WP0509D | Receive PA Data Needs for TSPA-LA | 3 | 0 | 02JUL98 | |
| WP0508 | Review and Document EB Segment Matls Selection | 3 | 208 | 06OCT97* | 04AUG98 |
| WP0509P1 | Probabilistic Eval. Anal.of EBS Designs | 3 | 0 | | 31AUG98* |
| WP0507 | Complete EB Segment Materials Selection | 3 | 329 | 06OCT97* | 29JAN99 |

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YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



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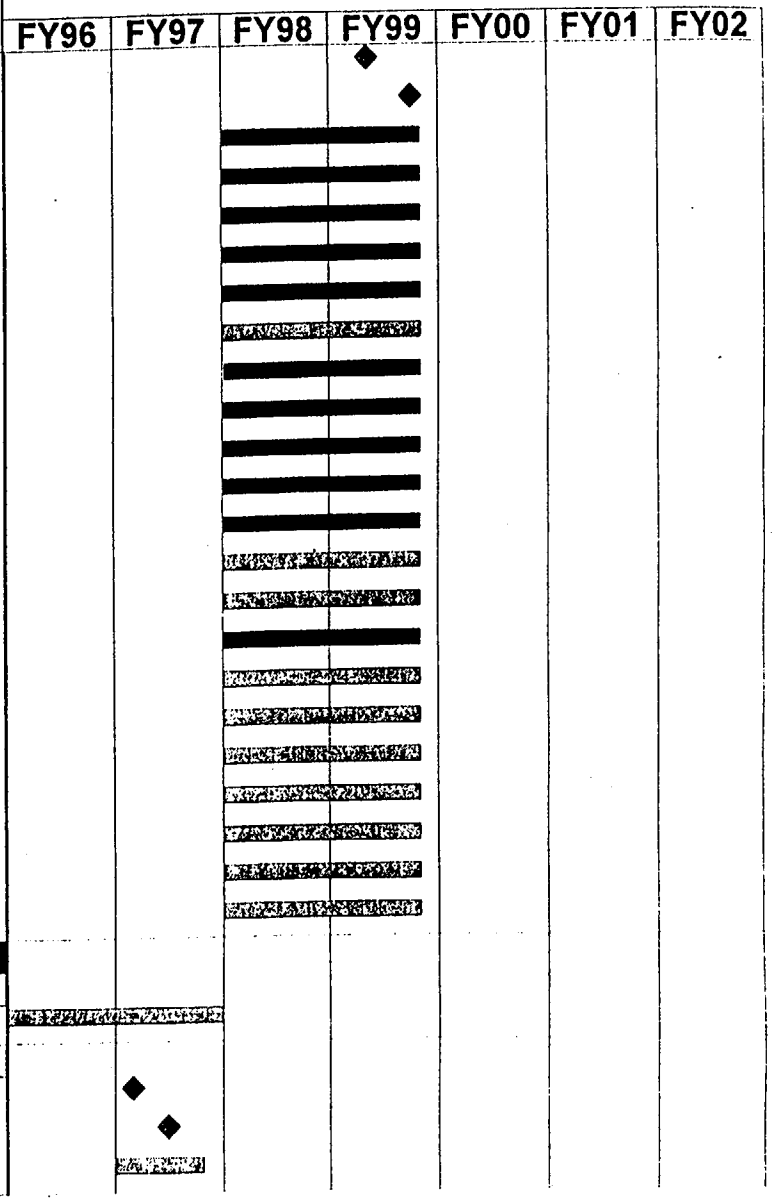
| Date | Revision | Checked | Approved |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| WP0509IA | Provide EBS Input to TSPA-LA | 3 | 0 | | 29JAN99* |
| WP0509P2 | Final Prob. Eval. Anal. for Licensing Process | 3 | 0 | | 30JUN99* |
| WP0501 | Complete Dev of CF Disposal Container Design | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0502 | Complete Dev of UCF Disposal Container Design | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0503 | Complete Dev of HLW Disposal Container Design | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0504 | Complete Dev of EBS Invert | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0504A | Comp.Devel/EBS Backfill,Drip Shield & Add.Barr.. | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0504B | Comp.DOE High Level Waste Evaluation | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0505 | Develop EB Segment Parts List, Dwgs & Specs | 3 | 455 | 07OCT97* | 30JUL99 |
| WP0509 | Develop Disposal Container Fabrication | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0509A | Develop Disposal Container Closure Method | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0509B | Develop Non-destructive Examination Methods | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0509C | Prepare EB Segment Cost Estimates | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0509E | Integrate Systems Studies | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0509F | Integrate Requirements | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0509G | Integrate DBEs & DBAs | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0509H | Integrate Environ Assessment Performance | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0509I | Integrate Performance Assessment TSPA-LA | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0509J | Develop EBS System Design Description | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0509K | Integrate Dev of Licensing & Reg Documents | 3 | 456 | 06OCT97* | 30JUL99 |
| WP0509N | Analyse EBS Performance - Ph II | 3 | 459 | 01OCT97* | 30JUL99 |
| WP0509P | Perform Probabilistic Eval.of EBS Designs | 3 | 459 | 01OCT97* | 30JUL99 |
| WP0712 | Management & Integration Support | 3 | 459 | 01OCT97 | 30JUL99 |
| WP050A - EBS Design - Phase I | | | | | |
| Detail Activities (PSS) | | | | | |
| WP050A | EBS Design - Phase I | 2 | 521 | 02OCT95 | 29SEP97 |
| Detail LRP/IPS | | | | | |
| WP050A9G | Receive PA Data Needs for TSPA-VA | 3 | 0 | | 02DEC96 |
| WP0509L3 | Provide EBS Input to TSPA-VA | 3 | 0 | | 31MAR97* |
| WP050A7 | Complete Phase I of the EB Segment Materials Sel | 3 | 208 | 01OCT96* | 30JUL97 |

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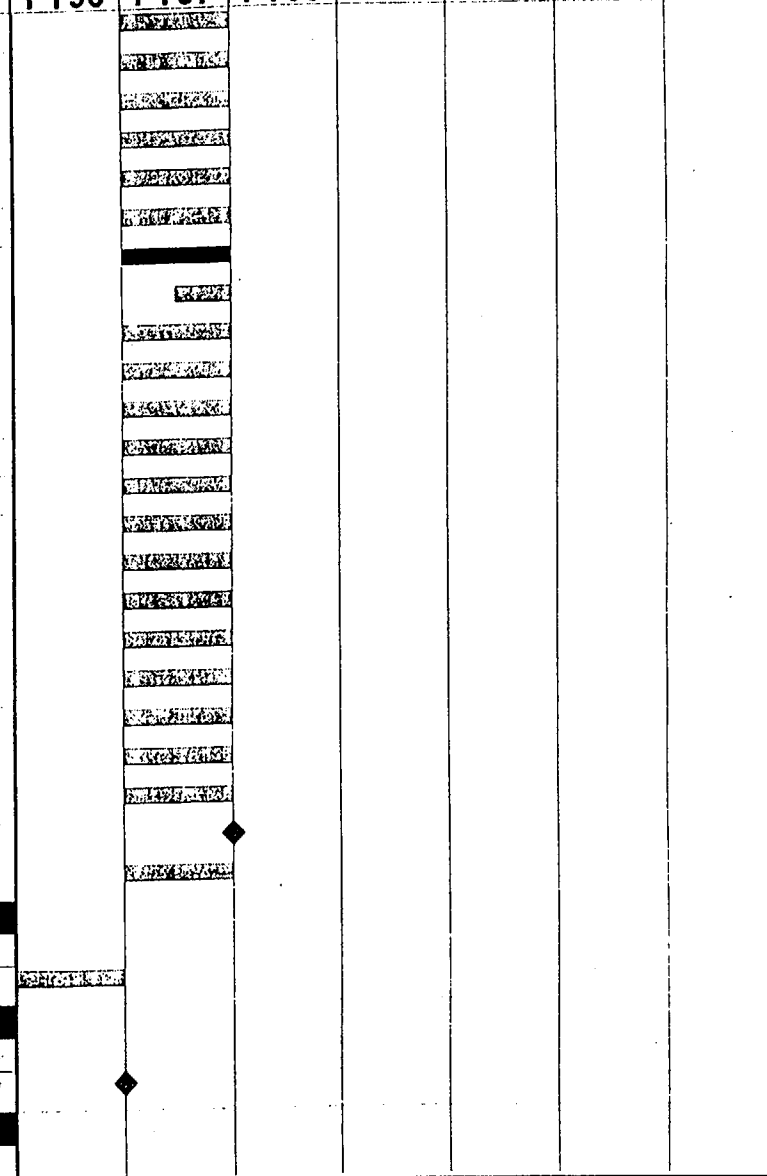
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| WP050A1 | Complete Phase I of the CF Disposal Container De | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A2 | Complete Phase I of the of UCF Disposal Containe | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A3 | Complete Phase I of the HLW Disposal Container D | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A4 | Complete Phase I Design of EBS Invert | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A4A | Comp.Ph-I Dsgn/Backfill,Drip Shields/Add.Barr. | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A4B | Comp.Ph-I DOE High Level Waste Evaluation | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A5 | Complete Phase I-EB Segment Parts List Dwgs Spec | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A8 | Review & Document Phase I EBS Material Selection | 3 | 128 | 01APR97* | 30SEP97 |
| WP050A9 | Complete Phase I Disposal Container Fabrication | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A9A | Complete Phase I Disposal Container Closure Meth | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A9B | Complete Phase I development of Non-destructive | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A9C | Complete Phase I EB Segment Cost Estimates | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A9H | Integrate Systems Studies | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A9I | Integrate Funct Analyses & Reqts | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A9J | Define EBS - DBEs & DBAs | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A9K | Integrate Environ Asses. Performance (NEPA) | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A9L | Integrate Performance Assessment TSPA-VA | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A9N | Integrate Dev of Licensing & Reg Documents | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A9O | Develop EBS System Design Desc.- Ph I | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A9Q | Analyze EBS Performance - Phase I | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050A9R | Perform Probabilistic Eval. of WP Designs | 3 | 251 | 01OCT96* | 30SEP97 |
| WP050RM3 | Probabilistic Eval. Anal. of WP Designs | 3 | 0 | | 30SEP97 |
| WP0711 | Management & Integration Support | 3 | 251 | 01OCT96* | 30SEP97 |
| WP080 - Criticality Analysis Technical Report | | | | | |
| Detail Activities (PSS) | | | | | |
| WP080 | Criticality Analysis Technical Report | 2 | 261 | 02OCT95 | 30SEP96 |
| WP080M2 - Complete Disposal Criticality Technica | | | | | |
| Detail Activities (PSS) | | | | | |
| WP080M2 | Complete Disposal Criticality Technical Report | 2 | 0 | | 30SEP96* |
| WP100 - Update Disposal Criticality Topical Repo | | | | | |
| Detail Activities (PSS) | | | | | |

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YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)

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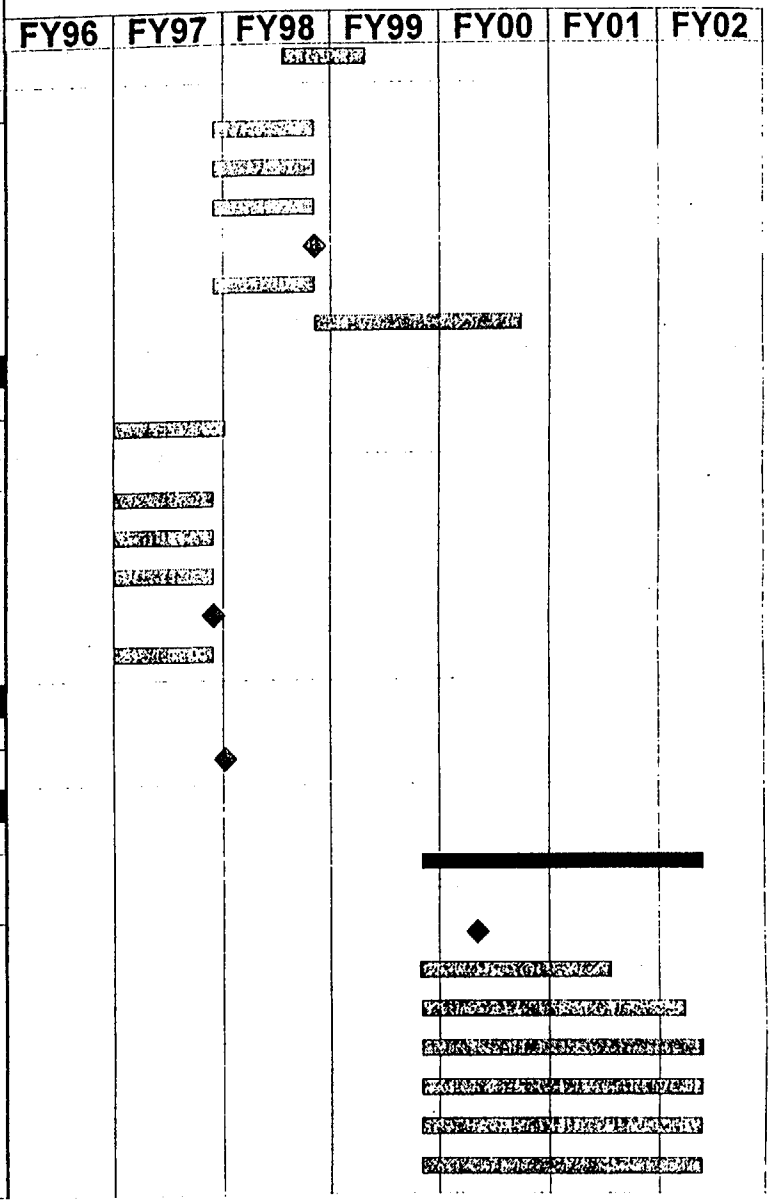
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| WP100 | Update Disposal Criticality Topical Report | 2 | 198 | 22APR98 | 22JAN99 |
| **Detail LRP/IPS** | | | | | |
| SLWP100A | Coord Final Criticality Control Top. Rpt. Devlp. | 3 | 231 | 02SEP97 | 03AUG98 |
| WP0510 | Develop Prob. Design Methods for Final Top.Rpt. | 3 | 231 | 02SEP97* | 03AUG98 |
| WP100A | Devel.Final Disposal Criticality Topical Report | 3 | 231 | 02SEP97* | 03AUG98 |
| WP100A3 | Issue Final Disp.Crit.Top.Report | 3 | 0 | | 03AUG98 |
| WP100B | Comp. Disp.Crit.Anal.Consequence Mdl. | 3 | 231 | 02SEP97* | 03AUG98 |
| WP100C | Update Dsiposal Criticality Topical Rpt. | 3 | 480 | 04AUG98 | 30JUN00 |
| **WP150 - Develop Criticality Control Topical Repo** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| WP150 | Develop Criticality Control Topical Report | 2 | 267 | 01OCT96 | 08OCT97 |
| **Detail LRP/IPS** | | | | | |
| SLWP150A | Coord Criticality Control Top. Rpt. Draft Devlp. | 3 | 230 | 01OCT96 | 29AUG97 |
| WP080A6 | Develop Prob. Design Methods for Prelim.Top.Rpt. | 3 | 230 | 01OCT96* | 29AUG97 |
| WP150A | Develop Prelim.Disposal CriticalityTopical Rpt. | 3 | 230 | 01OCT96* | 29AUG97 |
| WP150A3 | Issue Prelim.Disposal Criticality Topical Report | 3 | 0 | | 29AUG97 |
| WP150B | Develop Disp.Crit. Anal. Consequence Mdl | 3 | 230 | 01OCT96* | 29AUG97 |
| **WP150M2 - Update Disposal Criticality Topical Re** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| WP150M2 | Update Disposal Criticality Topical Report | 2 | 0 | | 08OCT97* |
| **WP275 - EBS Design Phase III** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| WP275 | EBS Design Phase III | 2 | 647* | 02AUG99 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| WP2751M3 | Provide Final EBS/WP Info.for LA | 3 | 0 | | 31JAN00* |
| WP2768 | Finalize EBS System Design Description | 3 | 441 | 27JUL99* | 27APR01 |
| WP0713 | Management & Integration Support | 3 | 604 | 02AUG99 | 28DEC01 |
| WP2756 | Complete EB Segment Parts List, Dwgs & Specs | 3 | 646 | 02AUG99 | 28FEB02 |
| WP2760 | Document Dev. of EBS Invert | 3 | 647 | 30JUL99* | 28FEB02 |
| WP2762 | Doc.Dev. of EBS Backfill,Drip Shield,& Add Barr. | 3 | 647 | 30JUL99* | 28FEB02 |
| WP2763 | Apply & Update Disposal Crit Anal Methodology | 3 | 647 | 30JUL99 | 28FEB02 |

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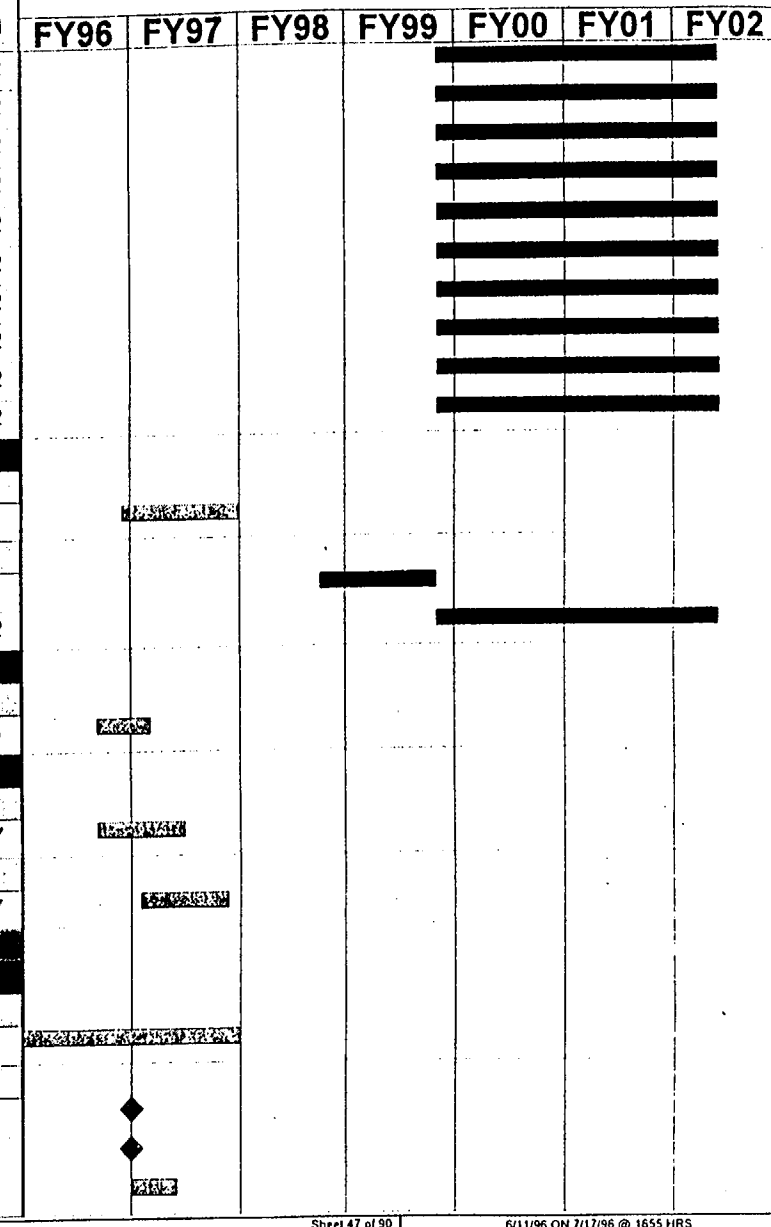
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| WP2751 | Support Development of LA | 3 | 648 | 30JUL99* | 01MAR02 |
| WP2752 | Document Development of CF Disposal Container De | 3 | 647 | 02AUG99 | 01MAR02 |
| WP2753 | Doc. Devel'mt of UCF Disposal Container Design | 3 | 647 | 02AUG99 | 01MAR02 |
| WP2754 | Document Development of HLW Disposal Container D | 3 | 647 | 02AUG99 | 01MAR02 |
| WP2758 | Complete EB Segment Materials Selection | 3 | 647 | 02AUG99* | 01MAR02 |
| WP2759A | Comp. Devel'mt of Disposal Container Fabrication | 3 | 647 | 02AUG99 | 01MAR02 |
| WP2759B | Develop Non-destructive Examination Methods | 3 | 647 | 02AUG99 | 01MAR02 |
| WP2759C | Update EB Segment Cost Estimates | 3 | 647 | 02AUG99 | 01MAR02 |
| WP2766 | Perform Probabilistic Eval. for Licensing Proc. | 3 | 647 | 02AUG99* | 01MAR02 |
| WP2770 | Define EBS-DBE's-DBA's, Phase III | 3 | 647 | 02AUG99 | 01MAR02 |
| XWP3015 - Develop Tech Specs | | | | | |
| Detail Activities (PSS) | | | | | |
| XWP3015 | Develop Tech Specs | 2 | 272 | 03SEP96* | 01OCT97 |
| Detail LRP/IPS | | | | | |
| WP3015A | Develop EBS Tech. Specs. | 3 | 272 | 01JUL98* | 30JUL99 |
| WP2764 | Update EBS Technical Spec's | 3 | 648 | 30JUL99 | 01MAR02 |
| XWP508 - Develop Galvanic Corrosion Protection | | | | | |
| Detail Activities (PSS) | | | | | |
| XWP508 | Develop Galvanic Corrosion Protection | 2 | 123 | 10JUN96* | 05DEC96 |
| XWP511 - Determine Near field Environment Impact | | | | | |
| Detail Activities (PSS) | | | | | |
| XWP511 | Determine Near field Environment Impacts | 2 | 200 | 10JUN96* | 27MAR97 |
| Detail LRP/IPS | | | | | |
| WP511A | Determine Near Field Envionment Impacts | 3 | 200 | 07NOV96* | 25AUG97 |
| RP120 - Subsurface Design - Phase I | | | | | |
| Detail Activities (PSS) | | | | | |
| RP120 | Subsurface Design - Phase I | 2 | 521 | 02OCT95 | 29SEP97 |
| Detail LRP/IPS | | | | | |
| RP108AM3 | Receive Geotechnical Report Updates | 3 | 0 | 02OCT96* | |
| RP12065A | Receive PA Input | 3 | 0 | 02OCT96* | |
| RP12105 | Waste Emplacement Strategy | 3 | 102 | 01OCT96* | 28FEB97 |

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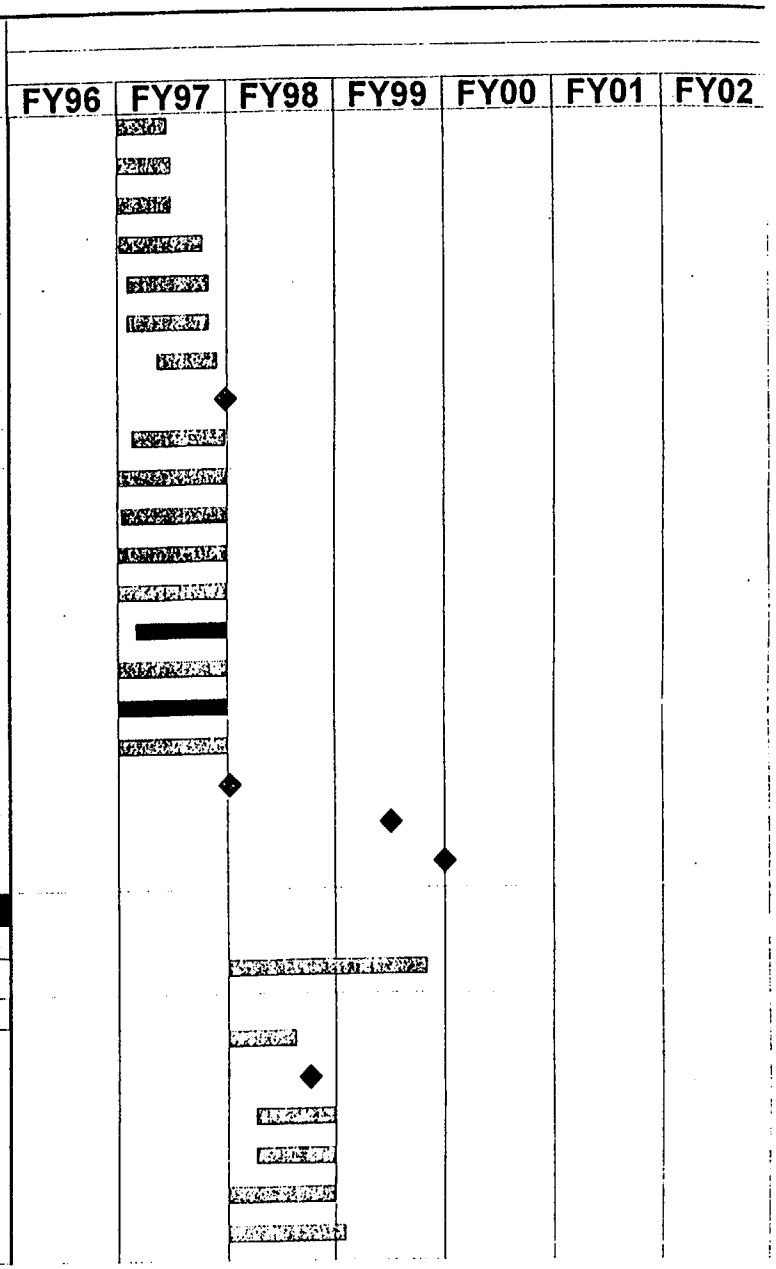
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| RP12020 | Underground HVAC System | 3 | 112 | 01OCT96* | 14MAR97 |
| RP12065 | Prelim Design of Undrgrnd Fac Portion of EB Seg | 3 | 122 | 02OCT96 | 31MAR97 |
| RP12040 | Performance Confirmation Design | 3 | 124 | 01OCT96* | 01APR97 |
| RP12070 | Cost Update | 3 | 190 | 08OCT96* | 11JUL97 |
| RP12005 | Develop Subsurface Layout | 3 | 187 | 01NOV96* | 31JUL97 |
| RP12010 | Preliminary Utilities Description | 3 | 187 | 01NOV96* | 31JUL97 |
| RP12030 | Preliminary Sealing/Closure Design | 3 | 141 | 11FEB97* | 29AUG97 |
| RP1080M3 | Deliver Engineering Data to NEPA | 3 | 0 | | 26SEP97 |
| RP12085 | NEPA Support | 3 | 218 | 15NOV96* | 26SEP97 |
| RP12003 | Support SRA - Phase I | 3 | 250 | 01OCT96* | 29SEP97 |
| RP12015 | Update/Refine Concept of Operations | 3 | 242 | 15OCT96 | 30SEP97 |
| RP12035 | Radiological Safety | 3 | 251 | 01OCT96* | 30SEP97 |
| RP12037 | Support DBA/Q-List Development | 3 | 251 | 01OCT96* | 30SEP97 |
| RP12045 | Interface Activities | 3 | 211 | 02DEC96* | 30SEP97 |
| RP12090 | Design Guide Development - Phase I | 3 | 251 | 01OCT96* | 30SEP97 |
| RP12097 | M & I - SubSurface | 3 | 251 | 01OCT96* | 30SEP97 |
| RP12101 | SDD Development | 3 | 251 | 01OCT96 | 30SEP97 |
| RP108BM3 | Receive Geotechnical Report Updates | 3 | 0 | | 07OCT97* |
| RP108CM3 | Receive Geotechnical Report Updates | 3 | 0 | | 31MAR99* |
| RP108DM3 | Receive Geotechnical Report Updates | 3 | 0 | | 01OCT99* |
| RP170A - Subsurface Design - Phase II | | | | | |
| Detail Activities (PSS) | | | | | |
| RP170A | Subsurface Design - Phase II | 2 | 475 | 06OCT97 | 30JUL99 |
| Detail LRP/IPS | | | | | |
| RP17040 | Refine Subsurface Waste Handling System Design | 3 | 156 | 01OCT97 | 15MAY98 |
| RP1701M3 | Receive PA Input | 3 | 0 | | 01JUL98* |
| RP17015 | Refine Retrieval System and Strategy | 3 | 190 | 02JAN98* | 30SEP98 |
| RP17025 | Finalize HVAC System Configurations | 3 | 190 | 02JAN98* | 30SEP98 |
| RP17055 | Update Utilities Systems Design | 3 | 251 | 01OCT97* | 30SEP98 |
| RP17205 | Seals/Decommisioning | 3 | 272 | 01OCT97* | 30OCT98 |

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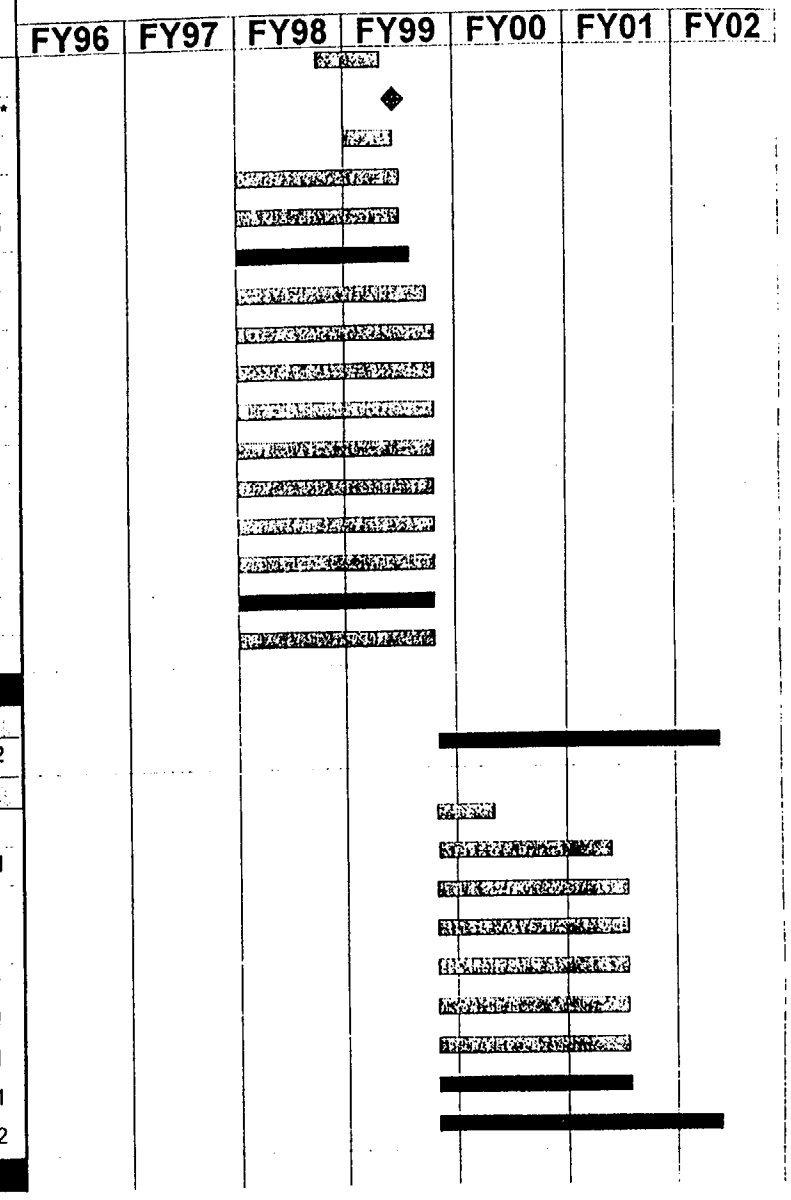
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| RP17035 | Refine Emergency Systems Designs | 3 | 146 | 30JUN98* | 29JAN99 |
| RP1700M3 | Deliver Engineering Update to PA | 3 | 0 | | 15MAR99* |
| RP17045 | Update Materials Identification and Characterist | 3 | 111 | 01OCT98* | 15MAR99 |
| RP17005 | Update Subsurface Layout | 3 | 374 | 01OCT97* | 31MAR99 |
| RP17010 | Refine Ground Support Systems | 3 | 374 | 01OCT97* | 31MAR99 |
| RP17003 | Interface Acitivities | 3 | 397 | 01OCT97 | 03MAY99 |
| RP17020 | Radiological Safety | 3 | 438 | 01OCT97* | 30JUN99 |
| RP17000 | Support SRA - Phase II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP17001 | Refine Concept of operations | 3 | 455 | 01OCT97 | 26JUL99 |
| RP17017 | Design Guide Development - Phase II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP17022 | Support DBA/Q-List Development | 3 | 455 | 01OCT97 | 26JUL99 |
| RP17065 | Cost Update | 3 | 455 | 01OCT97 | 26JUL99 |
| RP17070 | SDD Development - Phase II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP17075 | Develop Tech. Spec's - Phase II | 3 | 455 | 01OCT97* | 26JUL99 |
| RP17098 | M & I - SubSurface | 3 | 455 | 01OCT97 | 26JUL99 |
| RP17099 | Refine Underground Facility Portion of EB Seg. | 3 | 455 | 01OCT97 | 26JUL99 |
| RP180 - Subsurface Design Phase III | | | | | |
| Detail Activities (PSS) | | | | | |
| RP180 | Subsurface Design Phase III | 2 | 647* | 02AUG99 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| RP18050 | Conduct of Operations | 3 | 129 | 27JUL99* | 01FEB00 |
| RP18007 | Cost Update | 3 | 396 | 02AUG99* | 01MAR01 |
| RP18010 | Support SRA - Phase III | 3 | 441 | 27JUL99 | 27APR01 |
| RP18025 | Support DBA/Q-List Development | 3 | 441 | 27JUL99 | 27APR01 |
| RP18045 | SDD Development - Phase III | 3 | 441 | 27JUL99 | 27APR01 |
| RP18055 | License Application Development | 3 | 441 | 27JUL99* | 27APR01 |
| RP18060 | Complete LA Design | 3 | 441 | 27JUL99 | 27APR01 |
| RP18005 | Interface Activities | 3 | 443 | 27JUL99 | 01MAY01 |
| RP18065 | M & I - SubSurface | 3 | 651 | 27JUL99 | 01MAR02 |
| RP2215M2 - Prepare Thermal Mgmt Technical Repor | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

Early
Progress Bar
Critical Activity

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CON2

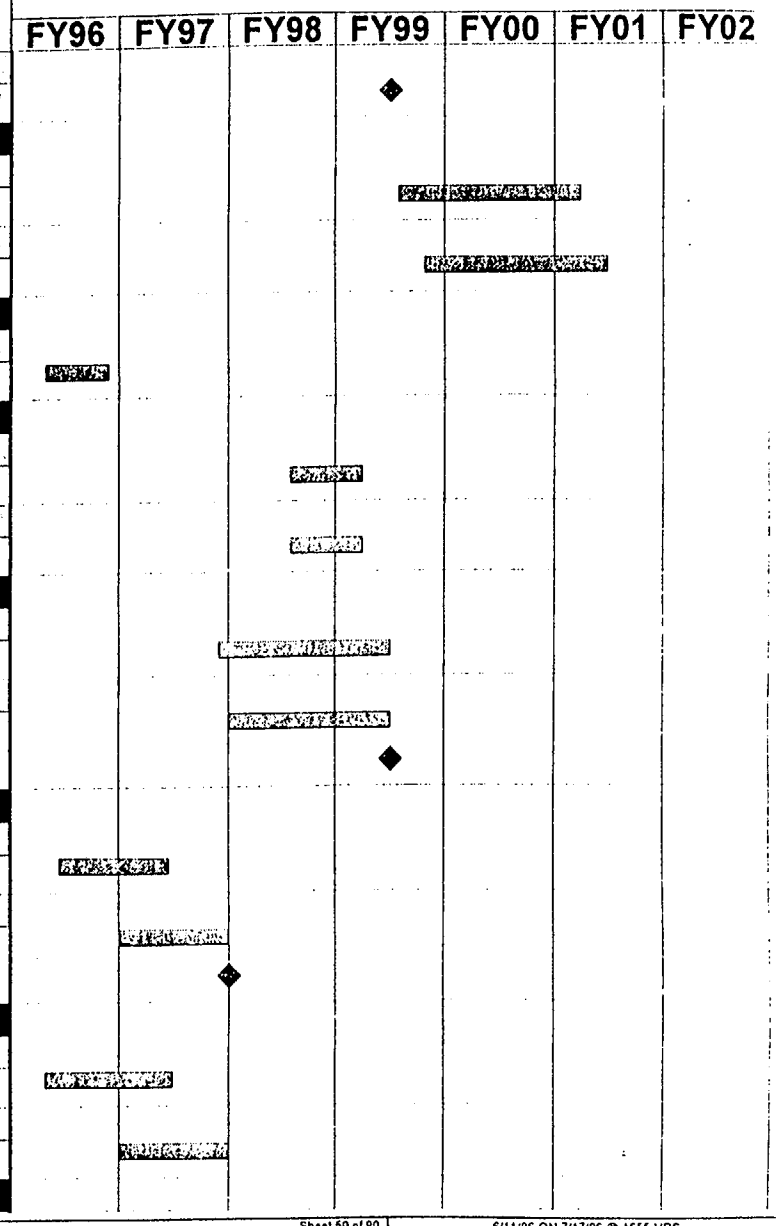
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approve |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| Detail Activities (PSS) | | | | | |
| RP2215M2 | Prepare Thermal Mgmt Technical Report | 2 | 0 | | 31MAR99* |
| XRP2025 - Prepare Tech Specs | | | | | |
| Detail Activities (PSS) | | | | | |
| XRP2025 | Prepare Tech Specs | 2 | 417 | 30APR99* | 28DEC00 |
| Detail LRP/IPS | | | | | |
| RP17050 | Prepare Technical Specifications | 3 | 417 | 27JUL99 | 26MAR01 |
| XRP2035 - Develop Subsurface Layout | | | | | |
| Detail Activities (PSS) | | | | | |
| XRP2035 | Develop Subsurface Layout | 2 | 149 | 01FEB96* | 30AUG96 |
| XRP2055 - Update Sub Surface Fac/Arrangements | | | | | |
| Detail Activities (PSS) | | | | | |
| XRP2055 | Update Sub Surface Fac/Arrangements | 2 | 168 | 30APR98* | 31DEC98 |
| Detail LRP/IPS | | | | | |
| RP17030 | Prep. Subsurface Supt. Facility Gen. Arrangement | 3 | 168 | 30APR98* | 31DEC98 |
| XRP2215 - Prepare Thermal Mgmt Technical Report | | | | | |
| Detail Activities (PSS) | | | | | |
| XRP2215 | Prepare Thermal Mgmt Technical Report | 2 | 395 | 02SEP97* | 31MAR99 |
| Detail LRP/IPS | | | | | |
| RP17200 | Prepare Thermal Mgmt Technical Report | 3 | 374 | 01OCT97* | 31MAR99 |
| RP1720M3 | Submit Final Input to Thermal Mgt Tech Rpt | 3 | 0 | | 31MAR99 |
| XRP500 - Identify Emplacement Drift Materials | | | | | |
| Detail Activities (PSS) | | | | | |
| XRP500 | Identify Emplacement Drift Materials | 2 | 253 | 13MAR96* | 14MAR97 |
| Detail LRP/IPS | | | | | |
| RP12060 | Identify Materials of Construction | 3 | 251 | 01OCT96* | 30SEP97 |
| RP1206M3 | Deliver Engineering data to PA | 3 | 0 | | 30SEP97 |
| XRP502 - Develop WP Handling Concept | | | | | |
| Detail Activities (PSS) | | | | | |
| XRP502 | Develop WP Handling Concept | 2 | 292 | 01FEB96* | 31MAR97 |
| Detail LRP/IPS | | | | | |
| RP12025 | Subsurface Waste Package Handling Design | 3 | 251 | 01OCT96* | 30SEP97 |
| XRP504 - Develop Retrieval Strategy | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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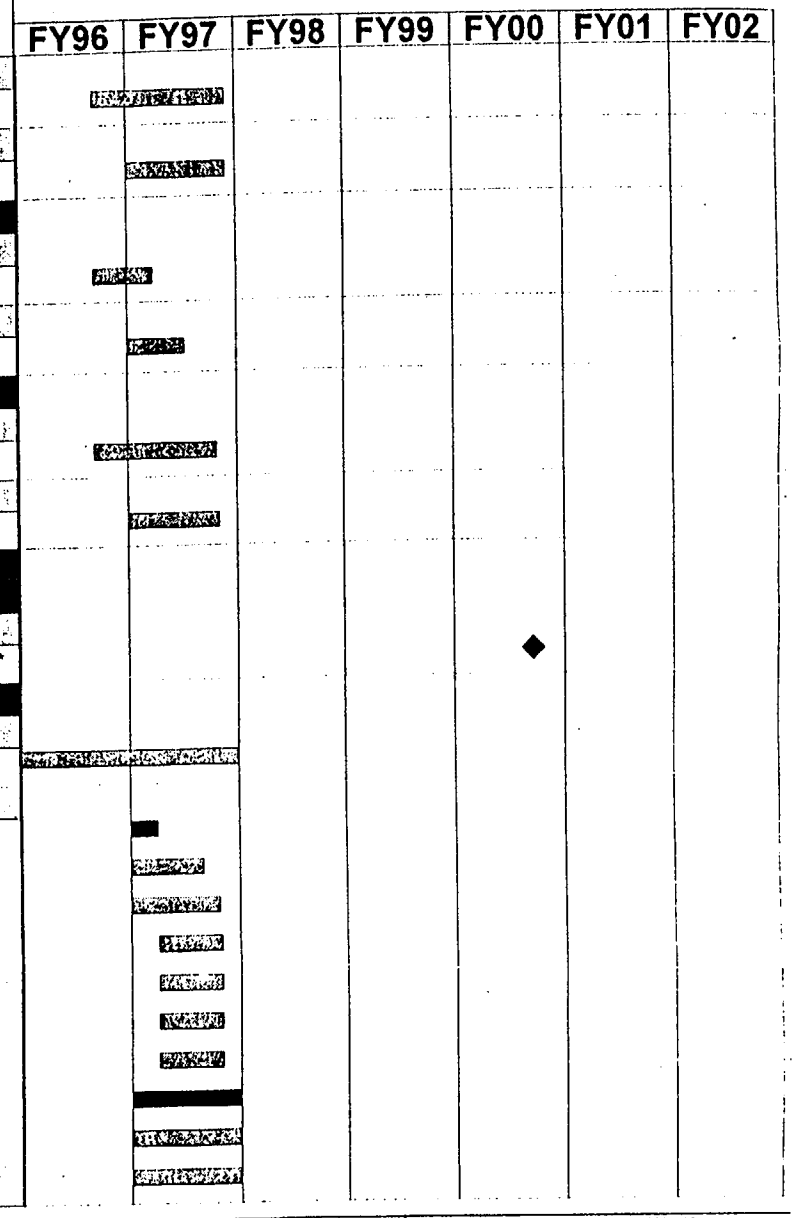
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approve |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| Detail Activities (PSS) | | | | | |
| XRP504 | Develop Retrieval Strategy | 2 | 309 | 10JUN96* | 29AUG97 |
| Detail LRP/IPS | | | | | |
| RP12050 | Develop Retrieval Design | 3 | 230 | 01OCT96* | 29AUG97 |
| XRP506 - Develop drift stability approach | | | | | |
| Detail Activities (PSS) | | | | | |
| XRP506 | Develop Drift Stability Approach | 2 | 136 | 10JUN96* | 24DEC96 |
| Detail LRP/IPS | | | | | |
| RP12001 | Develop Drift Stability Approach | 3 | 134 | 01OCT96* | 15APR97 |
| XRP510 - Determine Near field Environment Impact | | | | | |
| Detail Activities (PSS) | | | | | |
| XRP510 | Determine Near Field Environment Impacts | 2 | 287 | 10JUN96* | 30JUL97 |
| Detail LRP/IPS | | | | | |
| RP12055 | Develop Near-Field Environment | 3 | 209 | 01OCT96 | 31JUL97 |
| LA360M2 - Cmpl Prep LA | | | | | |
| Detail LRP/IPS | | | | | |
| RP8402M3 | Complete Input to LA- Ph.III | 3 | 0 | | 12JUN00* |
| RP020 - Surface Design - Phase I | | | | | |
| Detail Activities (PSS) | | | | | |
| RP020 | Surface Design - Phase I | 2 | 521 | 02OCT95 | 29SEP97 |
| Detail LRP/IPS | | | | | |
| RP2402C | Operations/Staffing Analysis - Ph.I | 3 | 62 | 01OCT96* | 02JAN97 |
| RP2408 | Nevada Transportation - Ph-I | 3 | 167 | 01OCT96 | 02JUN97 |
| RP2403G | Site-Utilities System Design - Ph.I | 3 | 208 | 01OCT96* | 30JUL97 |
| RP2403B | Non-Nuclear Structures Design - Ph.I | 3 | 147 | 03JAN97 | 31JUL97 |
| RP2403C | Site Preparation - Ph.I | 3 | 147 | 03JAN97 | 31JUL97 |
| RP2403H | Site-Monitoring,Control & Comm Sys Dsgn - Ph.I | 3 | 147 | 03JAN97 | 31JUL97 |
| RP2403I | Site-Physical Security Design - Ph.I | 3 | 147 | 03JAN97 | 31JUL97 |
| RP2401 | Management and Integration - Ph.I | 3 | 251 | 01OCT96* | 30SEP97 |
| RP2402A | Radiological Safety - Ph.I | 3 | 251 | 01OCT96* | 30SEP97 |
| RP2402D | Prepare Design Guides - Ph.I | 3 | 251 | 01OCT96* | 30SEP97 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
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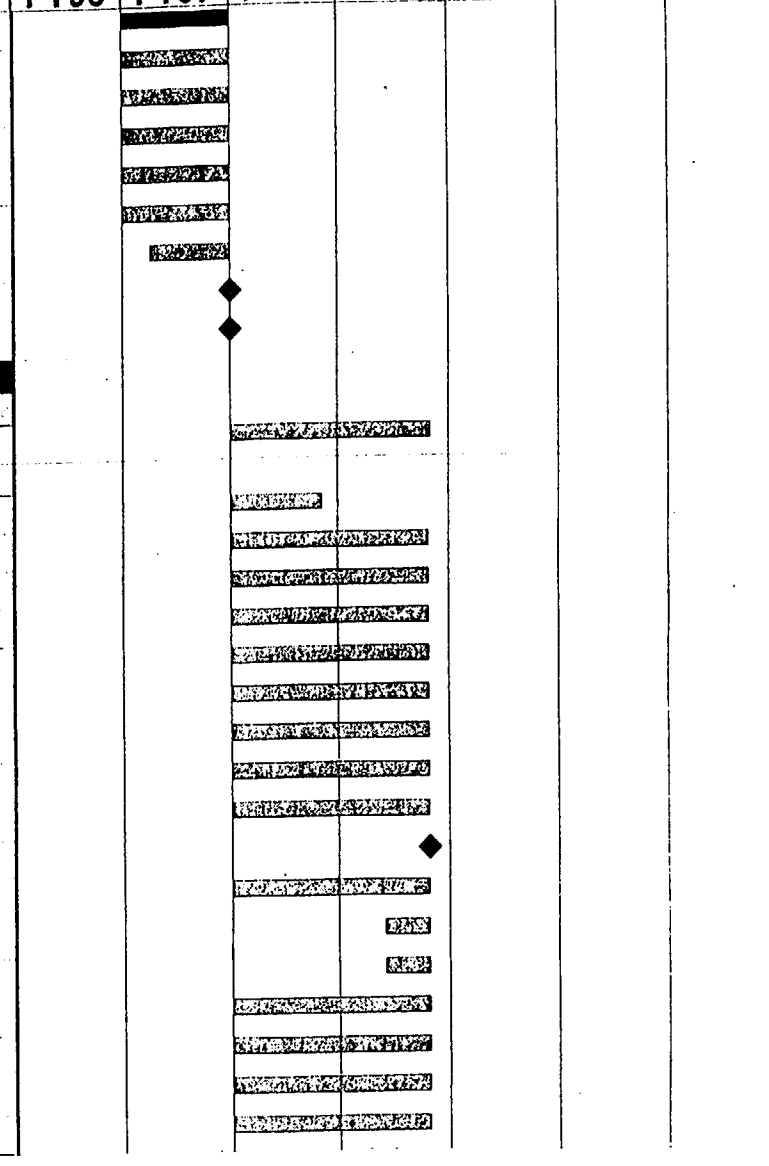
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approve |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| RP2403A | Updt/Intgrt Nuclear Facil Design - Ph.I | 3 | 251 | 01OCT96 | 30SEP97 |
| RP2404 | Cost Estimating - Ph.I | 3 | 251 | 01OCT96* | 30SEP97 |
| RP2405A | Support SRA - Ph.I | 3 | 251 | 01OCT96* | 30SEP97 |
| RP2405B | Support Systems Studies - Ph.I | 3 | 251 | 01OCT96* | 30SEP97 |
| RP2405C | Support DBA/Q-List Development - Ph I | 3 | 251 | 01OCT96* | 30SEP97 |
| RP2406 | Interface Activities - Ph.I | 3 | 251 | 01OCT96* | 30SEP97 |
| RP2407 | Develop Alternatives Data for NEPA - Ph.I | 3 | 190 | 02JAN97* | 30SEP97 |
| RP244M3 | Provide Design Data to PA - Ph.I | 3 | 0 | | 30SEP97 |
| RP247M3 | Provide Alternatives Data to NEPA - Ph.I | 3 | 0 | | 30SEP97 |
| RP070A - Surface Design - Phase II | | | | | |
| Detail Activities (PSS) | | | | | |
| RP070A | Surface Design - Phase II | 2 | 475 | 06OCT97 | 30JUL99 |
| Detail LRP/IPS | | | | | |
| RP7407 | Support NEPA Process - Ph.II | 3 | 211 | 01OCT97* | 04AUG98 |
| RP7401 | Management and Integration - Ph.II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP7402A | NOB-Waste Handling Sys Dsgn - Ph.II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP7402B | NOB-Cask Maint. Sys Dsgn - Ph.II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP7402C | NOB-Waste Treatment Sys Dsgn - Ph.II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP7402D | NOB-HVAC Systems Design - Ph.II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP7402E | NOB-Utility Systems Design - Ph.II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP7402F | NOB-Monitoring, Cntrl & Comm Sys Dsgn - Ph.II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP7402G | NOB-Structure/Piping Design - Ph.II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP7402M3 | Provide Update Data to PA - Ph.II | 3 | 0 | | 26JUL99 |
| RP7403A | Carrier Staging Shed Design - Ph.II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP7403B | Update Staffing Analysis - Ph. II | 3 | 104 | 01MAR99* | 26JUL99 |
| RP7403C | Update Non-nuclear Designs - Ph.II | 3 | 104 | 01MAR99 | 26JUL99 |
| RP7403D | Radiological Safety - Ph.II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP7403E | Nevada Transportation - Ph II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP7403F | Prepare Design Guides - Ph II | 3 | 455 | 01OCT97 | 26JUL99 |
| RP7404 | Cost Estimating - Ph.II | 3 | 455 | 01OCT97* | 26JUL99 |

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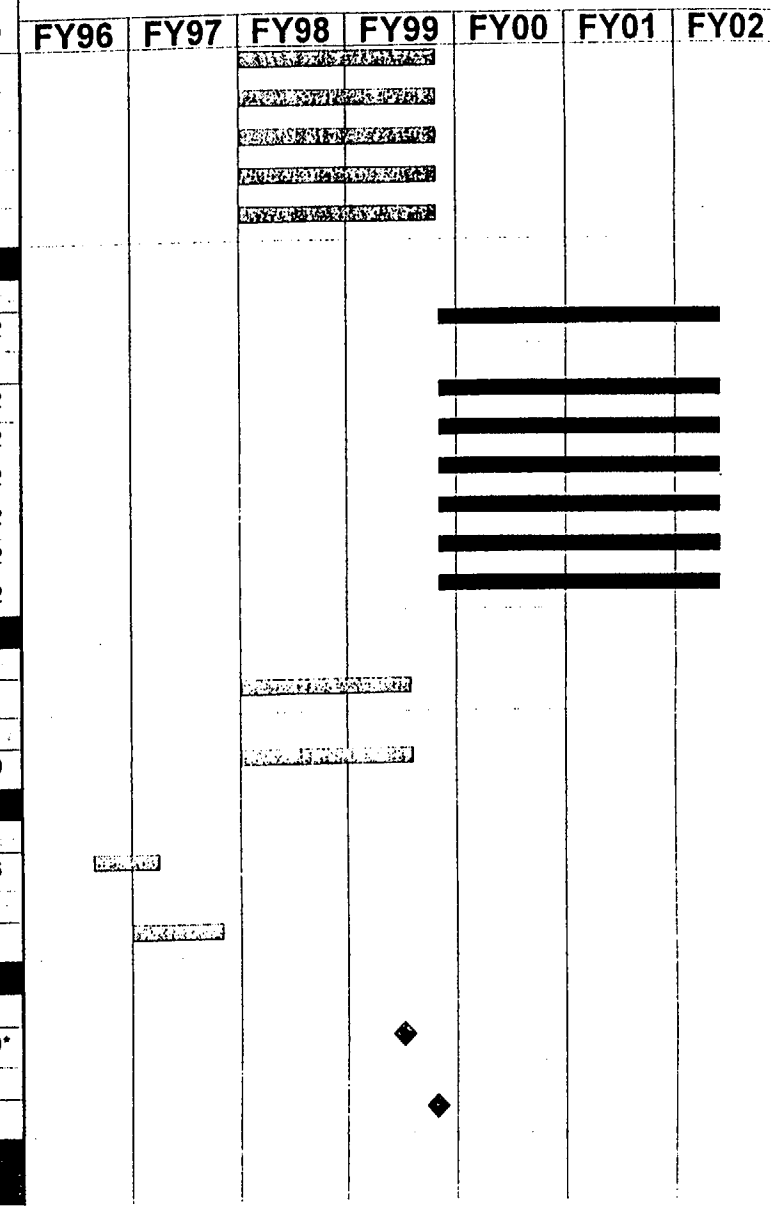
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| RP7405A | Support SRA - Ph II | 3 | 455 | 01OCT97* | 26JUL99 |
| RP7405B | Support Systems Studies - Ph.II | 3 | 455 | 01OCT97* | 26JUL99 |
| RP7405C | Support DBA/Q-List Development | 3 | 455 | 01OCT97 | 26JUL99 |
| RP7406 | Interface Activities - Ph.II | 3 | 455 | 01OCT97* | 26JUL99 |
| RP8409 | Prepare Technical Rpts - Ph II | 3 | 455 | 01OCT97* | 26JUL99 |
| RP080 - Surface Design Phase III | | | | | |
| Detail Activities (PSS) | | | | | |
| RP080 | Surface Design Phase III | 2 | 647* | 02AUG99 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| RP8401 | Management and Integration - Ph.III | 3 | 647 | 02AUG99* | 01MAR02 |
| RP8402 | Begin FP&C Surface Design - Ph.III | 3 | 647 | 02AUG99* | 01MAR02 |
| RP8404 | Cost Estimating - Ph.III | 3 | 647 | 02AUG99* | 01MAR02 |
| RP8405A | Support SRA - Ph III | 3 | 647 | 02AUG99* | 01MAR02 |
| RP8405B | Support DBA/Q-List Development - Ph III | 3 | 647 | 02AUG99* | 01MAR02 |
| RP8406 | Interface Activities - Ph III | 3 | 647 | 02AUG99* | 01MAR02 |
| XRP1025 - Develop Tech Specs | | | | | |
| Detail Activities (PSS) | | | | | |
| XRP1025 | Develop Tech Specs | 2 | 395 | 02OCT97* | 30APR99 |
| Detail LRP/IPS | | | | | |
| RP1025 | Technical Specifications - Ph. II | 3 | 398 | 01OCT97* | 04MAY99 |
| XRP1050 - Develop Facility Arrangements | | | | | |
| Detail Activities (PSS) | | | | | |
| XRP1050 | Develop Facility Arrangements | 2 | 146 | 31MAY96* | 31DEC96 |
| Detail LRP/IPS | | | | | |
| RP1050 | Develop Surface Facilty GA's - Ph I | 3 | 208 | 02OCT96 | 31JUL97 |
| XRP1195M3 - Issue Bare/Fuel Technical Report | | | | | |
| Detail Activities (PSS) | | | | | |
| XRP1195M3 | Issue Bare/Fuel Technical Report | 2 | 0 | | 01APR99* |
| Detail LRP/IPS | | | | | |
| RP1195M3 | Issue Bare Fuel Tech.Rpts - Ph II | 3 | 0 | | 26JUL99 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



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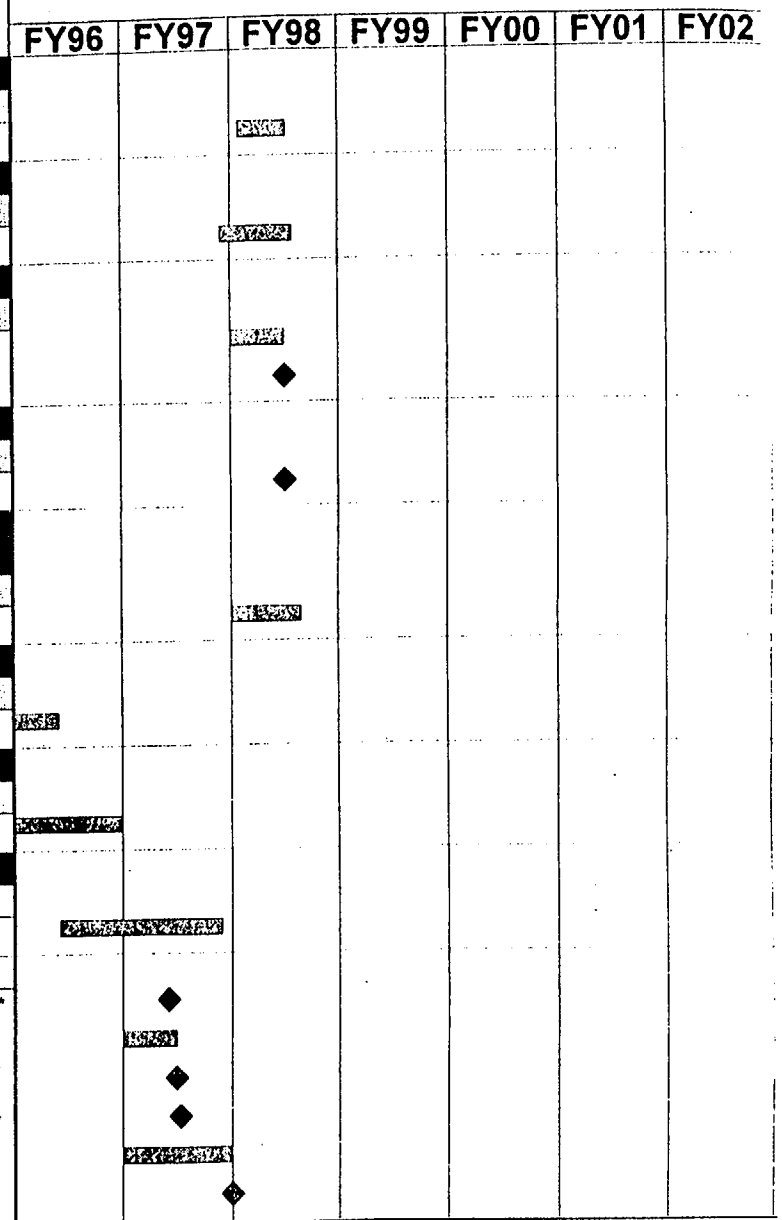
|---|---|---|---|
| | | | |

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| LA355 - Write PISA Ch. 1, Introduction | | | | | |
| Detail LRP/IPS | | | | | |
| SE708 | Provide PISA Development Support - Chapter 1 | 3 | 110 | 31OCT97* | 10APR98 |
| NE1045 - Write PISA Ch. 10, Radiation Protectio | | | | | |
| Detail LRP/IPS | | | | | |
| SE562 | Support PISA Chapter 10 Development | 3 | 165 | 03SEP97* | 30APR98 |
| SE306 - Write PISA Ch 11 - Conduct of Operations | | | | | |
| Detail LRP/IPS | | | | | |
| SE306A | Write PISA Ch 11 - Conduct of Operation | 3 | 126 | 01OCT97 | 03APR98 |
| SE306AM3 | Complete PISA Ch.11 - Conduct of Operations | 3 | 0 | | 03APR98 |
| SE306M2 - Complete Chapter 11 PISA | | | | | |
| Detail Activities (PSS) | | | | | |
| SE306M2 | Complete Chapter 11 PISA | 2 | 0 | | 03APR98 |
| LA200 - Prepare Project Integrated Safety Assess | | | | | |
| Detail LRP/IPS | | | | | |
| SE708A | Provide PISA Development Support | 3 | 161 | 01OCT97* | 22MAY98 |
| SE010 - System Design SRA | | | | | |
| Detail Activities (PSS) | | | | | |
| SE010 | System Design SRA | 2 | 110 | 02OCT95 | 01MAR96 |
| SE050 - Performance Confirmation Concepts | | | | | |
| Detail Activities (PSS) | | | | | |
| SE050 | Performance Confirmation Concepts | 2 | 261 | 02OCT95 | 30SEP96 |
| SE085 - MGDS Design System Reqs Anlys - Ph I | | | | | |
| Detail Activities (PSS) | | | | | |
| SE085 | MGDS Design Systems Reqs. Anlys - Ph I | 2 | 391 | 04MAR96 | 01SEP97 |
| Detail LRP/IPS | | | | | |
| SE422M3 | Requirement Document Revision | 3 | 0 | | 03MAR97* |
| SE440 | Waste Isolation Requirement Study | 3 | 124 | 01OCT96* | 01APR97 |
| SE440M3 | Waste Isolation Req'mt Study Report | 3 | 0 | | 01APR97 |
| SE405BM3 | Draft SDD Status Report | 3 | 0 | | 15APR97* |
| SE050B | Performance Confirmation Follow-on Work | 3 | 251 | 01OCT96* | 30SEP97 |
| SE050BM3 | Performance Confirmation Report | 3 | 0 | | 30SEP97 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
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YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



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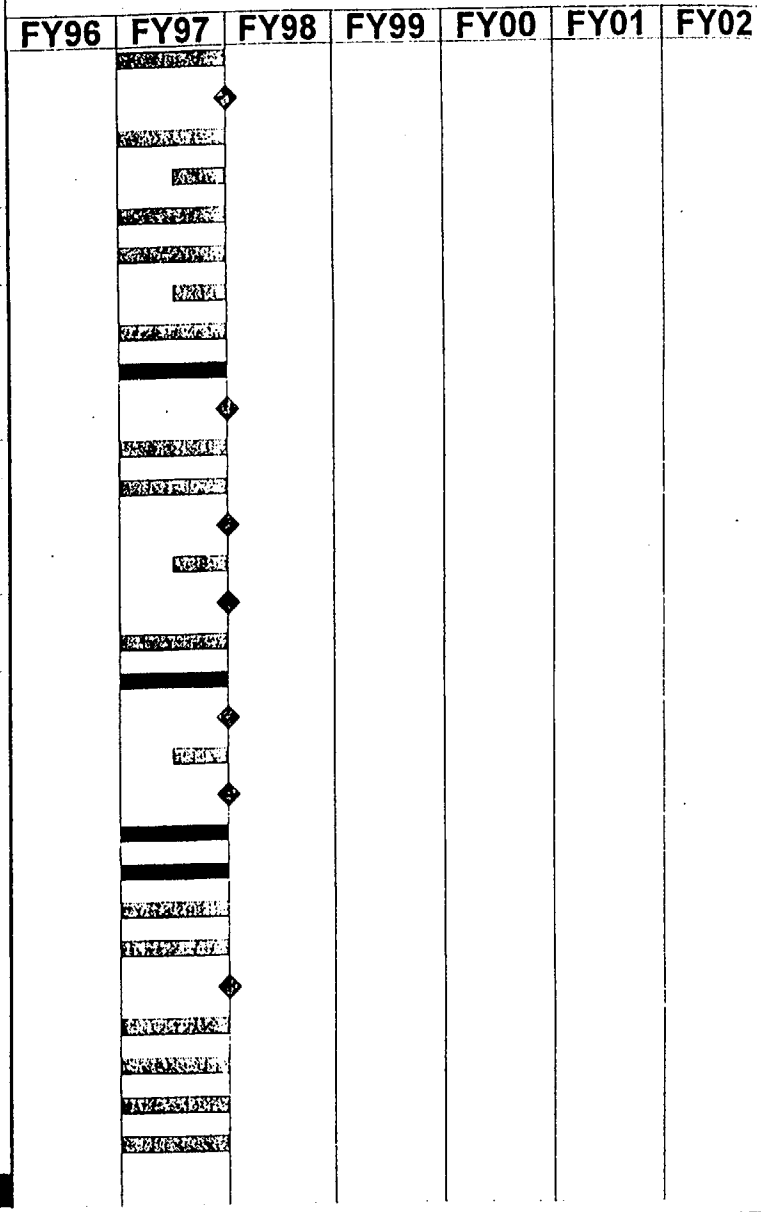
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SE405 | Develop Bin 3 SDD's | 3 | 251 | 01OCT96* | 30SEP97 |
| SE405M3 | Phase I SDD Status Report | 3 | 0 | | 30SEP97 |
| SE406 | Function Analysis/Req'mts Anal. for Bin 3's | 3 | 251 | 01OCT96 | 30SEP97 |
| SE408 | Operation Descriptions for Bin 3 SSC's | 3 | 125 | 04APR97 | 30SEP97 |
| SE410 | Develop Bin 2 SDD's | 3 | 251 | 01OCT96 | 30SEP97 |
| SE411 | Function Analysis/Req'mts Anal. for Bin 2 | 3 | 251 | 01OCT96 | 30SEP97 |
| SE412 | Operation Descriptions for Bin 2 SSC's | 3 | 125 | 04APR97* | 30SEP97 |
| SE415 | Develop Bin 1 SDD's | 3 | 251 | 01OCT96 | 30SEP97 |
| SE418 | Viability Assessment Test & Evaluation Plan | 3 | 251 | 01OCT96 | 30SEP97 |
| SE418M3 | VA T&EP | 3 | 0 | | 30SEP97 |
| SE422 | Maintain Top Level Req'mts Documents | 3 | 251 | 01OCT96 | 30SEP97 |
| SE426 | SSC Interface Req'mt Development | 3 | 251 | 01OCT96 | 30SEP97 |
| SE426M3 | Interface Status Report | 3 | 0 | | 30SEP97 |
| SE436 | Waste Generated Study | 3 | 128 | 01APR97* | 30SEP97 |
| SE436M3 | Waste Generated Study Report | 3 | 0 | | 30SEP97 |
| SE446 | Integrate SDD Development | 3 | 251 | 01OCT96 | 30SEP97 |
| SE448 | Develop Compliance Plan | 3 | 251 | 01OCT96* | 30SEP97 |
| SE448M3 | Draft Compliance Plan Complete | 3 | 0 | | 30SEP97 |
| SE460 | Waste Package Size Study | 3 | 128 | 01APR97* | 30SEP97 |
| SE460M3 | Waste Package Size Study Report | 3 | 0 | | 30SEP97 |
| SE480 | Devel. & Maintain MGDS Dsgn Assumpt. Doc. | 3 | 251 | 01OCT96* | 30SEP97 |
| SE704 | Provide Technical Documents Review Support | 3 | 251 | 01OCT96* | 30SEP97 |
| SE706 | Support Regulatory Interactions | 3 | 251 | 01OCT96* | 30SEP97 |
| SE720 | Provide System Safety Support to SRA/Design | 3 | 251 | 01OCT96* | 30SEP97 |
| SE720M3 | Deliver Updated SSA | 3 | 0 | | 30SEP97 |
| SE722 | Provide HFE Support to SRA/Design | 3 | 251 | 01OCT96* | 30SEP97 |
| SE724 | Provide RAM Support to SRA/Design | 3 | 251 | 01OCT96* | 30SEP97 |
| SE728 | Provide Value Engineering | 3 | 251 | 01OCT96* | 30SEP97 |
| SE730 | Provide Safeguards, Security to SRA/Design | 3 | 251 | 01OCT96* | 30SEP97 |

SE124 - Prepare MGDS Cost Estimate

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|---|---|---|
| Project Start | 01OCT95 | Early |
| Project Finish | 01MAR02 | Progress Bar |
| Data Date | 01OCT95 | Critical Activity |
| Plot Date | 17JUL96 | |

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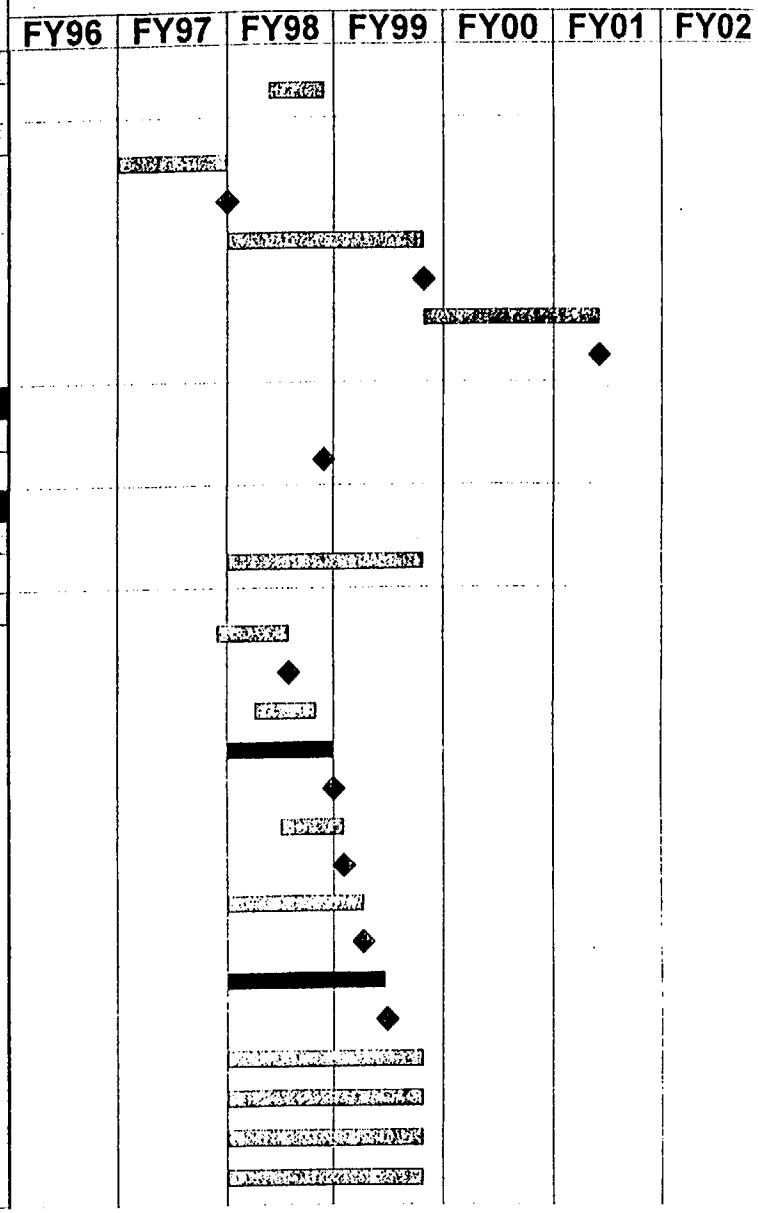
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| Detail Activities (PSS) | | | | | |
| SE124 | Prepare MGDS Cost Estimate | 2 | 132 | 23FEB98 | 25AUG98 |
| Detail LRP/IPS | | | | | |
| SE124A | Prepare MGDS Cost Estimate | 3 | 251 | 01OCT96 | 30SEP97 |
| SE124AM3 | Submit Cost Estimate | 3 | 0 | | 30SEP97 |
| SE124B | Prepare MGDS Cost Estimate | 3 | 455 | 01OCT97 | 26JUL99 |
| SE124BM3 | Submit Cost Estimate | 3 | 0 | | 26JUL99 |
| SE124C | Prepare MGDS Cost Estimate | 3 | 400 | 27JUL99 | 01MAR01 |
| SE124CM3 | Submit Cost Estimate | 3 | 0 | | 01MAR01 |
| SE124M2 - Submit MGDS Cost Estimate to OCRWM | | | | | |
| Detail Activities (PSS) | | | | | |
| SE124M2 | Submit MGDS Cost Estimate to OCRWM | 2 | 0 | | 25AUG98* |
| SE125A - MGDS Design System Reqs Anlys - Ph II | | | | | |
| Detail Activities (PSS) | | | | | |
| SE125A | MGDS Design Systems Reqs. Anlys - Ph II | 2 | 475 | 30SEP97 | 26JUL99 |
| Detail LRP/IPS | | | | | |
| SE506 | Seals Study | 3 | 166 | 02SEP97* | 30APR98 |
| SE506M3 | Seals Study Report | 3 | 0 | | 30APR98 |
| SE522 | Finalize Bin 3 Operation Descriptions | 3 | 147 | 02JAN98* | 30JUL98 |
| SE450 | Revise Risk Management Plan | 3 | 251 | 01OCT97* | 30SEP98 |
| SE450M3 | Revised Risk Management Plan Complete | 3 | 0 | | 30SEP98 |
| SE508 | Decommissioning Study | 3 | 149 | 01APR98* | 30OCT98 |
| SE508M3 | Decommissioning Study Report | 3 | 0 | | 30OCT98 |
| SE521 | Finalize Bin 3 FA/RA | 3 | 313 | 01OCT97 | 04JAN99 |
| SE530M3 | Requirement Documentation Revision | 3 | 0 | | 04JAN99* |
| SE527 | Develop Technical Performance Measures | 3 | 367 | 01OCT97 | 22MAR99 |
| SE520BM3 | Draft Phase II SDD Status Report | 3 | 0 | | 23MAR99* |
| SE310B | DBA/DBE Definition & Analysis - Ph 2 | 3 | 455 | 01OCT97* | 26JUL99 |
| SE446A | Integrate SDD Development | 3 | 455 | 01OCT97 | 26JUL99 |
| SE457B | Transportation Rapid Response | 3 | 455 | 01OCT97 | 26JUL99 |
| SE514 | System Studies Support to FA/RA | 3 | 456 | 30SEP97* | 26JUL99 |




Project Start 01OCT95
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PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



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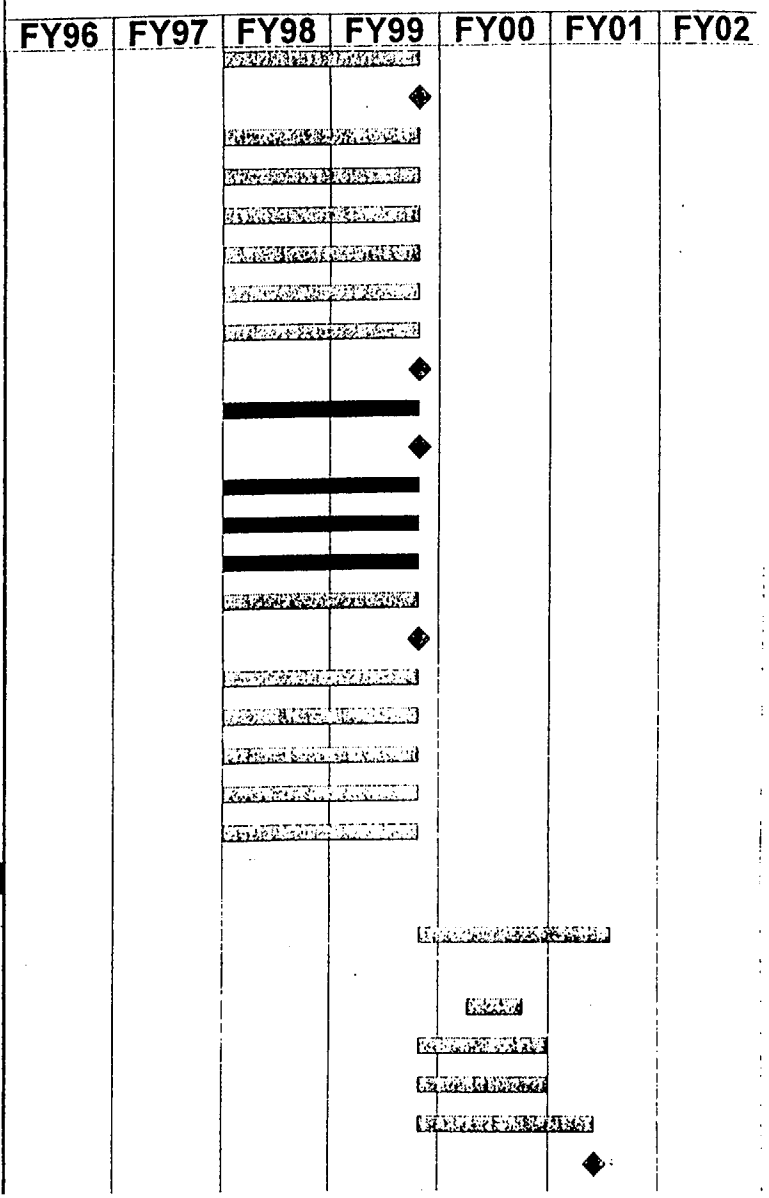
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SE520 | Final Bin 3 SDD's | 3 | 455 | 01OCT97 | 26JUL99 |
| SE520M3 | Phase II SDD Status Report | 3 | 0 | | 26JUL99 |
| SE523 | Revise Bin 2 SDD's | 3 | 455 | 01OCT97 | 26JUL99 |
| SE524 | Update Bin 2 FA/RA | 3 | 455 | 01OCT97 | 26JUL99 |
| SE525 | Update Bin 2 Operation Descriptions | 3 | 455 | 01OCT97 | 26JUL99 |
| SE526 | Revise Bin 1 SDD's | 3 | 455 | 01OCT97 | 26JUL99 |
| SE530 | Maintain Top Level Req'mnts Docments | 3 | 455 | 01OCT97 | 26JUL99 |
| SE532 | Finalize Critical Item Interface Req'mts | 3 | 455 | 01OCT97 | 26JUL99 |
| SE532M3 | ICD's Complete | 3 | 0 | | 26JUL99 |
| SE540 | Develop Final Compliance Plan | 3 | 455 | 01OCT97 | 26JUL99 |
| SE540M3 | Compliance Plan Complete | 3 | 0 | | 26JUL99 |
| SE580 | Maintain MGDS Dsgn Assumpt.Document | 3 | 455 | 01OCT97 | 26JUL99 |
| SE704A | Provide Technical Documents Review Support | 3 | 455 | 01OCT97 | 26JUL99 |
| SE706A | Support Regulatory Interactions | 3 | 455 | 01OCT97* | 26JUL99 |
| SE720A | Provide System Safety Support to SRA/Design | 3 | 455 | 01OCT97 | 26JUL99 |
| SE720AM3 | Deliver Updated SSA | 3 | 0 | | 26JUL99 |
| SE722A | Provide HFE Support to SRA/Design | 3 | 455 | 01OCT97 | 26JUL99 |
| SE724A | Provide RAM Support to SRA/Design | 3 | 455 | 01OCT97 | 26JUL99 |
| SE726A | Provide ILS Support to SRA/Design | 3 | 455 | 01OCT97* | 26JUL99 |
| SE728A | Provide Value Engineering | 3 | 455 | 01OCT97 | 26JUL99 |
| SE730A | Provide Safeguards, Security to SRA/Design | 3 | 455 | 01OCT97 | 26JUL99 |
| SE126 - MGDS Design System Reqs Anlys - Ph III | | | | | |
| Detail Activities (PSS) | | | | | |
| SE126 | MGDS Design Systems Reqs. Anlys - Ph III | 2 | 459 | 27JUL99 | 27APR01 |
| Detail LRP/IPS | | | | | |
| SE608 | Finalize Bin 2 Con Ops | 3 | 129 | 03JAN00* | 03JUL00 |
| SE607 | Finalize Bin 2 FA/RA | 3 | 298 | 27JUL99 | 29SEP00 |
| SE630 | System Studies To Support FA/RA | 3 | 298 | 27JUL99* | 29SEP00 |
| SE720B | Provide System Safety Support to SRA/Design | 3 | 400 | 27JUL99 | 01MAR01 |
| SE720BM3 | Deliver Updated SSA | 3 | 0 | | 01MAR01 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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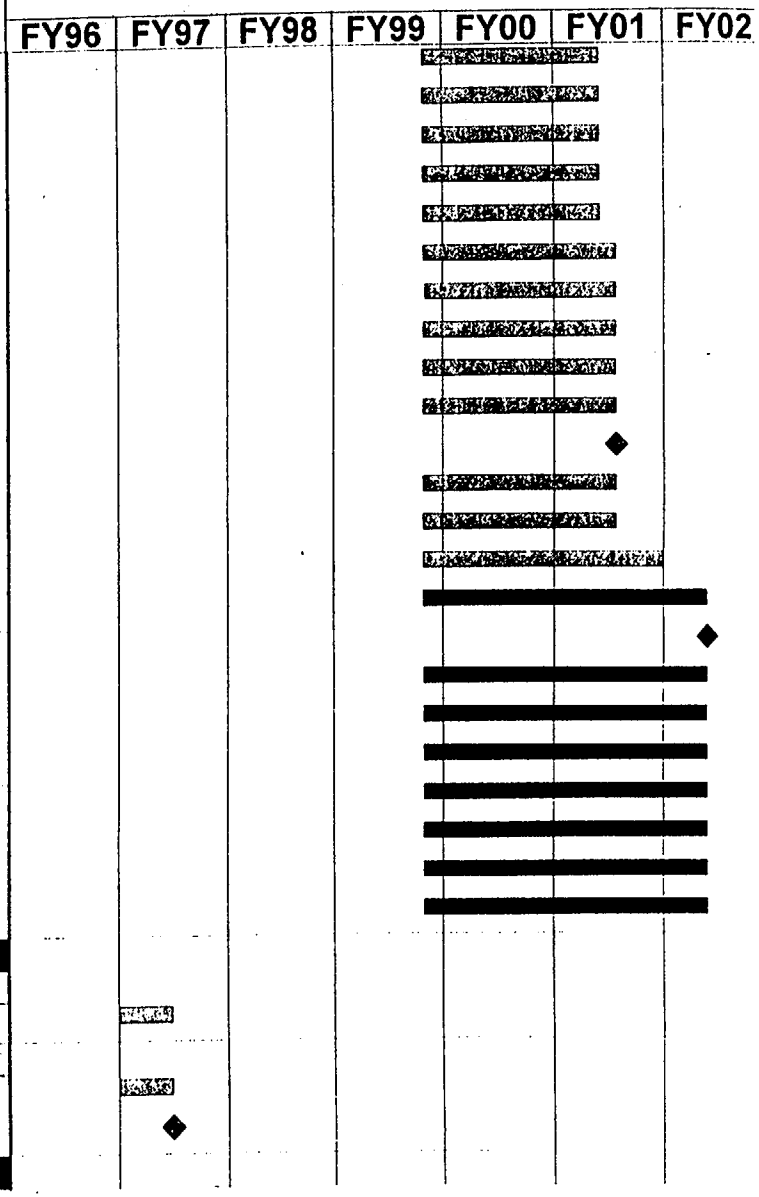
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

Date | Revision | Checked | Approved

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SE722B | Provide HFE Support to SRA/Design | 3 | 400 | 27JUL99 | 01MAR01 |
| SE724B | Provide RAM Support to SRA/Design | 3 | 400 | 27JUL99 | 01MAR01 |
| SE726B | Provide ILS Support to SRA/Design | 3 | 400 | 27JUL99 | 01MAR01 |
| SE728B | Provide Value Engineering | 3 | 400 | 27JUL99 | 01MAR01 |
| SE730B | Provide Safeguards, Security to SRA/Design | 3 | 400 | 27JUL99 | 01MAR01 |
| SE310C | DBA/DBE Definition & Analysis - Ph 3 | 3 | 441 | 27JUL99* | 27APR01 |
| SE446B | Integrate SDD Development | 3 | 437 | 02AUG99 | 27APR01 |
| SE600 | CA/Q-List Phase III | 3 | 441 | 27JUL99 | 27APR01 |
| SE605 | Maintain Bin 3 SDD's | 3 | 441 | 27JUL99 | 27APR01 |
| SE606 | Finalize Bin 2 SDD's | 3 | 441 | 27JUL99 | 27APR01 |
| SE606M3 | Phase III SDD Status Report | 3 | 0 | | 27APR01 |
| SE609 | Finalize Bin 1 SDD | 3 | 441 | 27JUL99 | 27APR01 |
| SE616 | Maintain Top Level Requirement Documenation | 3 | 441 | 27JUL99 | 27APR01 |
| SE618 | Conduct Verification Analysis for LAD | 3 | 548 | 27JUL99 | 28SEP01 |
| SE536 | Finalize LA T&EP | 3 | 651 | 27JUL99 | 01MAR02 |
| SE536M3 | Final LA T&EP | 3 | 0 | | 01MAR02 |
| SE635 | Provide Management Support | 3 | 651 | 27JUL99 | 01MAR02 |
| SE680 | Maintain MGDS Dsng Assump.Document | 3 | 651 | 27JUL99 | 01MAR02 |
| SE702B | Provide Administration Support | 3 | 651 | 27JUL99 | 01MAR02 |
| SE704B | Provide Technical Documents Review Support | 3 | 651 | 27JUL99 | 01MAR02 |
| SE706B | Support Regulatory Interactions | 3 | 651 | 27JUL99 | 01MAR02 |
| SE734 | Provide SE Supt. to Integrated Testing | 3 | 651 | 27JUL99* | 01MAR02 |
| SE736 | Provide SE Supt. to Construction Design | 3 | 651 | 27JUL99* | 01MAR02 |
| SE200 - Perform Waste Qty, Mix, and Throughput S | | | | | |
| Detail Activities (PSS) | | | | | |
| SE200 | Perform Waste Qty, Mix, and Throughput Study | 2 | 130 | 02OCT96* | 01APR97 |
| Detail LRP/IPS | | | | | |
| SE200A | Perform Waste Qty,Mix,& Throughput Study | 3 | 124 | 01OCT96* | 01APR97 |
| SE200M3 | Complete Throughput Study | 3 | 0 | | 01APR97 |
| SE306 - Write PISA Ch 11 - Conduct of Operations | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
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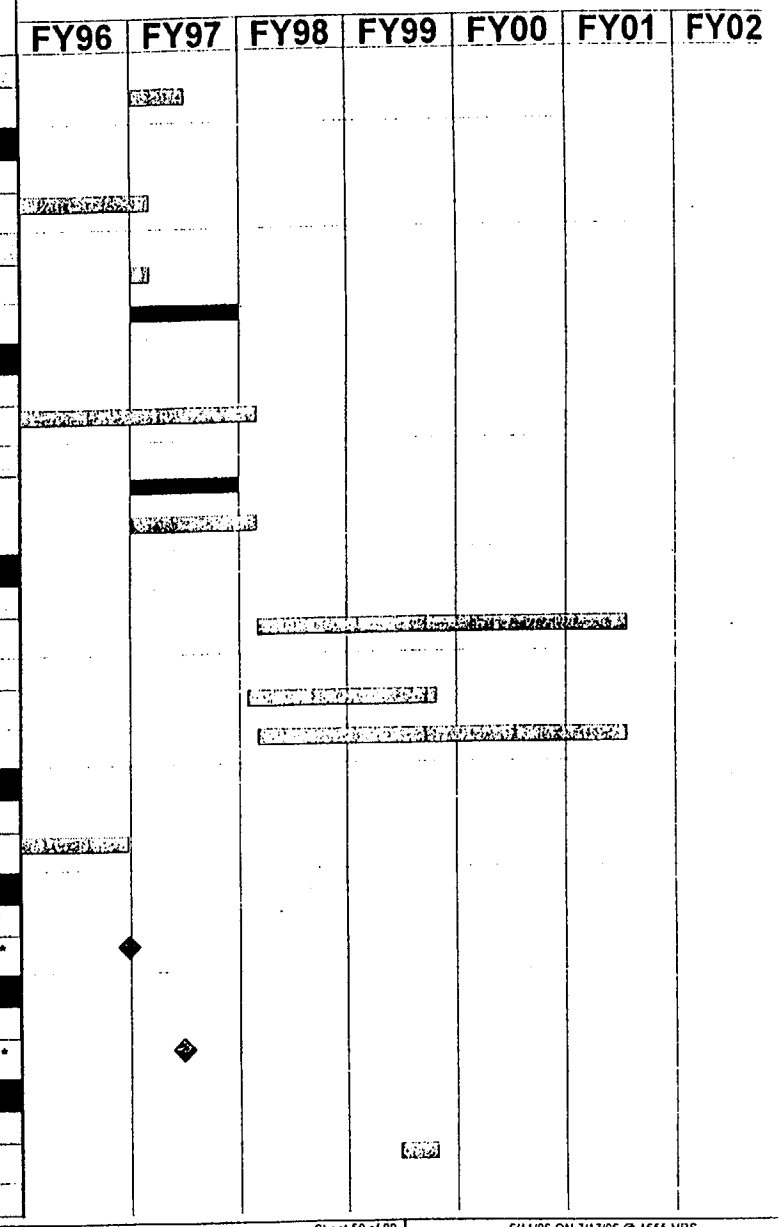
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approv |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| **Detail Activities (PSS)** | | | | | |
| SE306 | Write PISA Ch 11 - Conduct of Operations | 2 | 134 | 01OCT96 | 04APR97 |
| **SE310 - DBA/DBE Definition & Analyses** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SE310 | DBA/DBE Definition & Analyses | 2 | 311 | 02OCT95 | 09DEC96 |
| **Detail LRP/IPS** | | | | | |
| SLSE310A | PA Support DBE/DBA Analyses | 3 | 46 | 01OCT96 | 09DEC96 |
| SE310A | DBA/DBE /Definition & Analysis | 3 | 251 | 01OCT96* | 30SEP97 |
| **SE320 - Classification Analysis/Q-List Update** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SE320 | Classification Analysis/Q-List Update | 2 | 569 | 02OCT95 | 04DEC97 |
| **Detail LRP/IPS** | | | | | |
| SE320A | Classification Analysis/Q-List Update | 3 | 251 | 01OCT96* | 30SEP97 |
| SLSE320A | PA Support Classification Analysis/Q List Update | 3 | 294 | 01OCT96 | 04DEC97 |
| **SE322 - Classification Analysis/Q-List Update -** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SE322 | Classification Analysis/Q-List Update - 2 | 2 | 886 | 05DEC97 | 27APR01 |
| **Detail LRP/IPS** | | | | | |
| SE322A | Classification Analysis/Q-List Update - 2 | 3 | 435 | 30OCT97 | 26JUL99 |
| SLSE322A | PA Support Classification Analysis/Q List Update | 3 | 853 | 05DEC97 | 27APR01 |
| **SE350 - Backfill Evaluation & Determination** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SE350 | Backfill Evaluation & Determination | 2 | 259 | 02OCT95 | 26SEP96 |
| **SE350M2 - Complete Backfill Evaluation & Determi** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SE350M2 | Complete Backfill Evaluation & Determination | 2 | 0 | | 26SEP96* |
| **SEGHIM2 - Complete Waste Qty, Mix, and Throughpu** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SEGHIM2 | Complete Waste Qty, Mix, and Throughput Study | 2 | 0 | | 01APR97* |
| **SEMNO - Prepare LA Test and Evaluation Plan** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| SEMNO | Prepare LA Test and Evaluation Plan | 2 | 90 | 23MAR99 | 26JUL99 |
| **Detail LRP/IPS** | | | | | |

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Project Finish 01MAR02
Data Date 01OCT95
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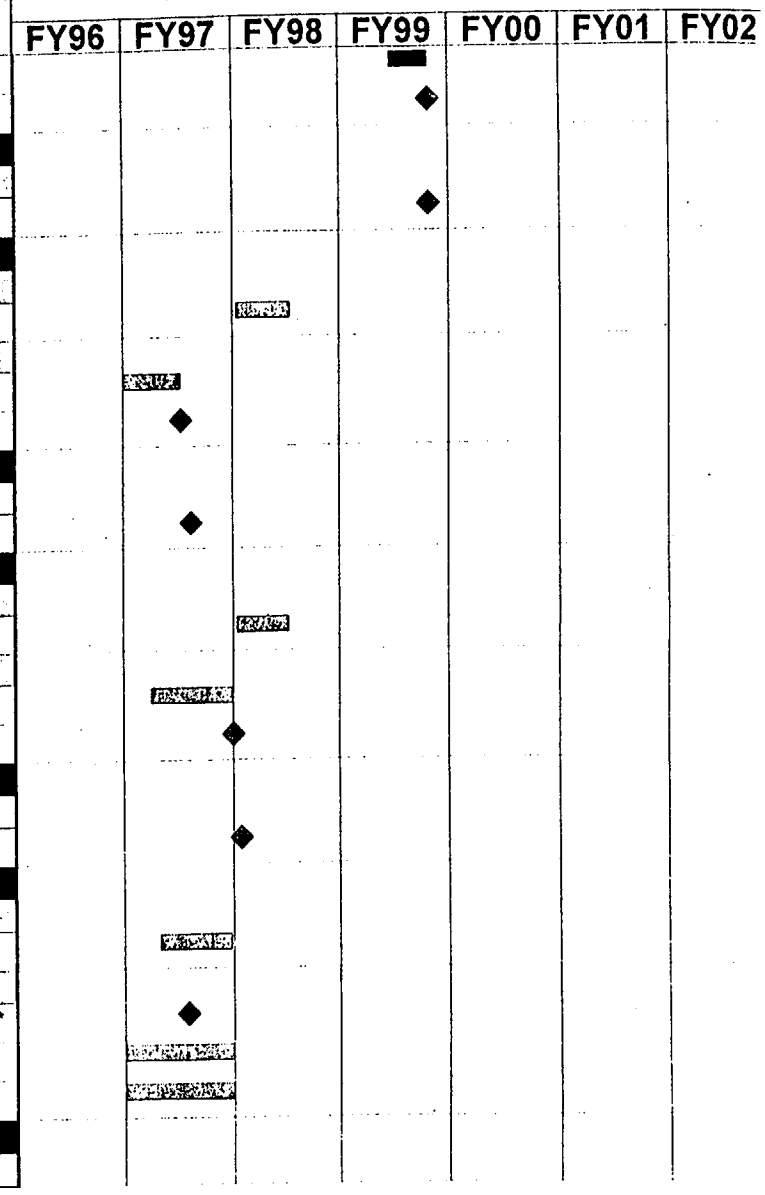
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Appro |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SE504 | Prepare LA Test Evaluation Plan | 3 | 88 | 23MAR99 | 26JUL99 |
| SE504M3 | Prepare LA Test Evaluation Plan (Draft) | 3 | 0 | | 26JUL99 |
| SEMNOM2 - Submit LA Test and Evaluation Plan to | | | | | |
| Detail Activities (PSS) | | | | | |
| SEMNOM2 | Submit LA Test and Evaluation Plan to OCRWM | 2 | 0 | | 26JUL99* |
| SERST - Perform Retrievability Study - VA | | | | | |
| Detail Activities (PSS) | | | | | |
| SERST | Perform Retrievability Study - VA | 2 | 131 | 15OCT97 | 15APR98 |
| Detail LRP/IPS | | | | | |
| SE502 | Perform Retrievability Study - VA | 3 | 133 | 01OCT96* | 14APR97 |
| SE502M3 | Retrievability Study - VA Rpt. | 3 | 0 | | 14APR97 |
| SERSTM2 - Complete Retrievability Study - VA | | | | | |
| Detail Activities (PSS) | | | | | |
| SERSTM2 | Complete Retrievability Study - VA | 2 | 0 | | 12MAY97 |
| SEUVW - Perform Safeguards and Security Rqmnts S | | | | | |
| Detail Activities (PSS) | | | | | |
| SEUVW | Perform Safeguards and Security Rqmnts Study | 2 | 127 | 15OCT97 | 09APR98 |
| Detail LRP/IPS | | | | | |
| SE500 | Perform Safeguards & Security Req'mnts Study | 3 | 190 | 02JAN97* | 30SEP97 |
| SE500M3 | Safeguards & Security Req'mts RPT. | 3 | 0 | | 30SEP97 |
| SEUVWM2 - Complete Safeguards and Security Rqmnt | | | | | |
| Detail Activities (PSS) | | | | | |
| SEUVWM2 | Complete Safeguards and Security Rqmnts Study | 2 | 0 | | 29OCT97 |
| SEXYZ - Regional Transportation Data Collection | | | | | |
| Detail Activities (PSS) | | | | | |
| SEXYZ | Regional Transportation Data Collection | 2 | 171 | 31JAN97 | 26SEP97 |
| Detail LRP/IPS | | | | | |
| SE456M3 | Rail Corridor Evaluation Report | 3 | 0 | | 30APR97* |
| SE456 | Nevada Transportation NEPA Support | 3 | 251 | 01OCT96* | 30SEP97 |
| SE457 | Transportation Rapid Response | 3 | 251 | 01OCT96* | 30SEP97 |
| SEXYZM2 - Complete Regional Transportation Data | | | | | |
| Detail Activities (PSS) | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
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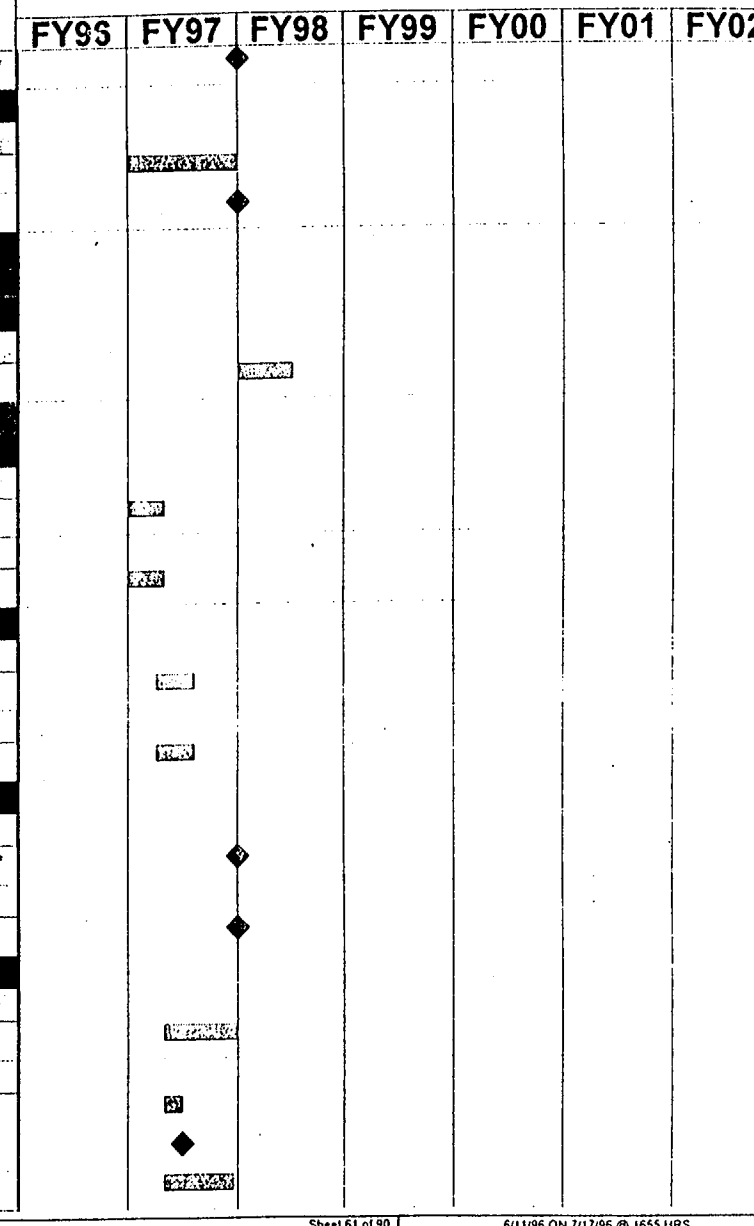
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Appro |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SEXYZM2 | Complete Regional Transportation Data Collection | 2 | 0 | | 30SEP97* |
| XMG0018 - Finalize ConOps/Funct Flow | | | | | |
| Detail LRP/IPS | | | | | |
| SE400 | MGDS Concepts of Operations | 3 | 251 | 01OCT96 | 30SEP97 |
| SE400BM3 | MGDS Con Ops - Rev 1 | 3 | 0 | | 30SEP97 |
| NE1045 - Write PISA Ch. 10, Radiation Protectio | | | | | |
| Detail LRP/IPS | | | | | |
| SSNE1045 | Write PISA Ch. 10, Radiation Protection | 3 | 130 | 01OCT97 | 09APR98 |
| NE1010 - Identify and Eval exist data for NEPA | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1010 | Identify and Eval Existing Data for NEPA | 2 | 88 | 01OCT96* | 30JAN97 |
| Detail LRP/IPS | | | | | |
| SSNE1010 | Identify and Eval existing data for NEPA | 3 | 82 | 01OCT96* | 30JAN97 |
| NE1013 - Prepare Scoping Comment Response Docume | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1013 | Prepare Scoping Comment Response Document | 2 | 90 | 01JAN97 | 06MAY97 |
| Detail LRP/IPS | | | | | |
| SSNE1013 | Prepare Scoping Comment Response | 3 | 88 | 02JAN97 | 06MAY97 |
| NE1015M3 - Receipt of Affected Environment Data | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1015M3 | Receipt of Affected Environment Data | 2 | 0 | | 30SEP97* |
| Detail LRP/IPS | | | | | |
| SS1015M3 | Receipt of Affected Environment Data | 3 | 0 | | 30SEP97 |
| NE1016 - Gather Design/PA/Affected Environment D | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1016 | Gather Design/PA/Affected Environment Data | 2 | 173 | 31JAN97 | 30SEP97 |
| Detail LRP/IPS | | | | | |
| SSNE507 | Regulatory Summary | 3 | 40 | 31JAN97 | 28MAR97 |
| SSNE508 | Deliver Environmental Compliance Summary Rpt. | 3 | 0 | | 28MAR97 |
| SP9203A3 | Provide Environmental Description | 3 | 160 | 31JAN97 | 17SEP97 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

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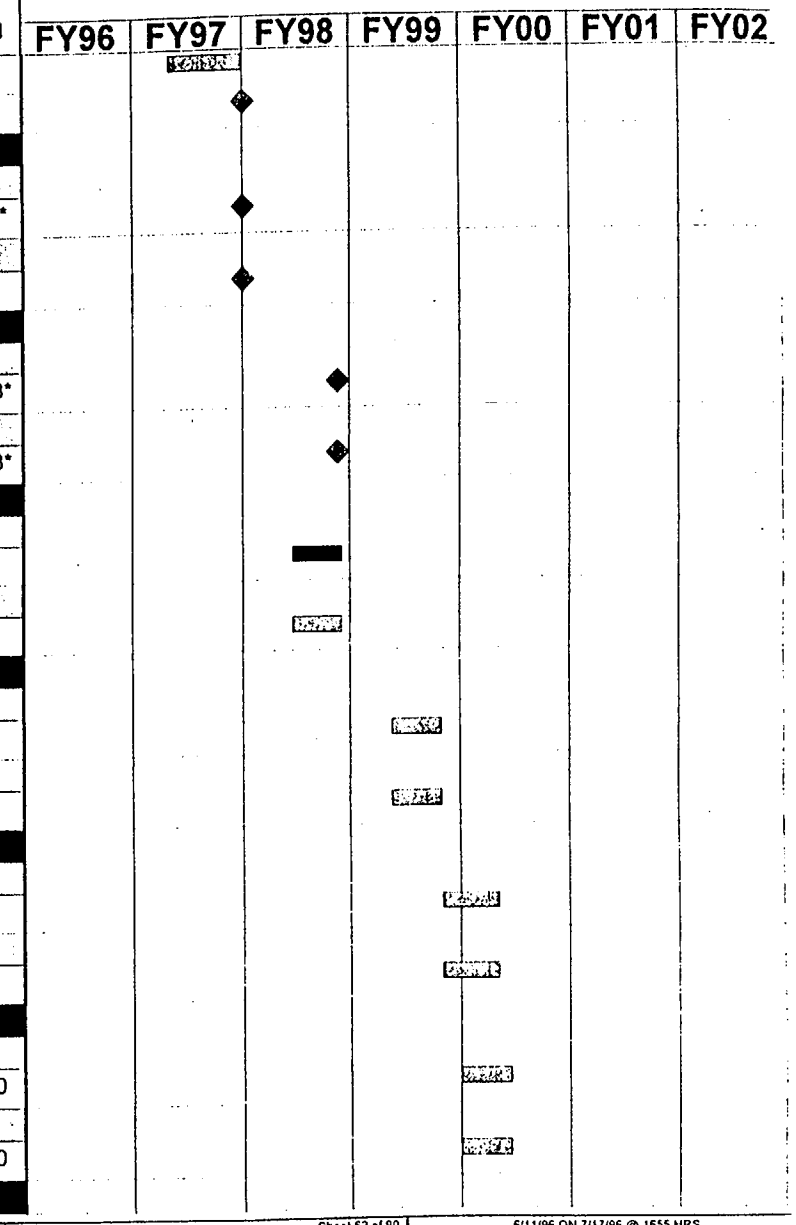
|---|---|---|---|
| | | | |

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SSNE1016 | Gather Design/PA/Affected Environment | 3 | 169 | 31JAN97 | 30SEP97 |
| SSNE135 | Deliver Environmental Data Report | 3 | 0 | | 30SEP97 |
| **NE1017M3 - Receipt of Design/Con-Ops Data** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| NE1017M3 | Receipt of Design/Con-Ops Data | 2 | 0 | | 29SEP97* |
| **Detail LRP/IPS** | | | | | |
| SS1017M3 | Receipt of Design/Con-Ops Data | 3 | 0 | | 30SEP97 |
| **NE1018M3 - Receipt of TSPA98 data** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| NE1018M3 | Receipt of TSPA98 data | 2 | 0 | | 21AUG98* |
| **Detail LRP/IPS** | | | | | |
| SS1018M3 | Receipt of TSPA98 data | 3 | 0 | | 21AUG98* |
| **NE1024 - Impacts Analysis** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| NE1024 | Impacts Analysis | 2 | 121 | 17MAR98 | 01SEP98 |
| **Detail LRP/IPS** | | | | | |
| SSNE1024 | Impacts Analysis | 3 | 119 | 18MAR98 | 02SEP98 |
| **NE1025 - Draft EIS Prepare and Issue** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| NE1025 | DEIS Prepare and Issue | 2 | 118 | 17FEB99 | 30JUL99 |
| **Detail LRP/IPS** | | | | | |
| SSNE1025 | DEIS Prepare and Issue | 3 | 116 | 17FEB99 | 30JUL99 |
| **NE1032 - Public Comment Period (6 Months)** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| NE1032 | Public Comment Period (6 Months) | 2 | 132 | 30JUL99 | 31JAN00 |
| **Detail LRP/IPS** | | | | | |
| SSNE1032 | Public Comment Period (6 Months) | 3 | 125 | 30JUL99 | 31JAN00 |
| **NE1033 - Comment Resolution** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| NE1033 | Comment Resolution | 2 | 120 | 30SEP99 | 15MAR00 |
| **Detail LRP/IPS** | | | | | |
| SSNE1033 | Comment Resolution | 3 | 113 | 30SEP99 | 15MAR00 |
| **NE1038 - Review of Scoping Results** | | | | | |




Project Start 01OCT95
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YUCCA MOUNTAIN PROJECT PLAN
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PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



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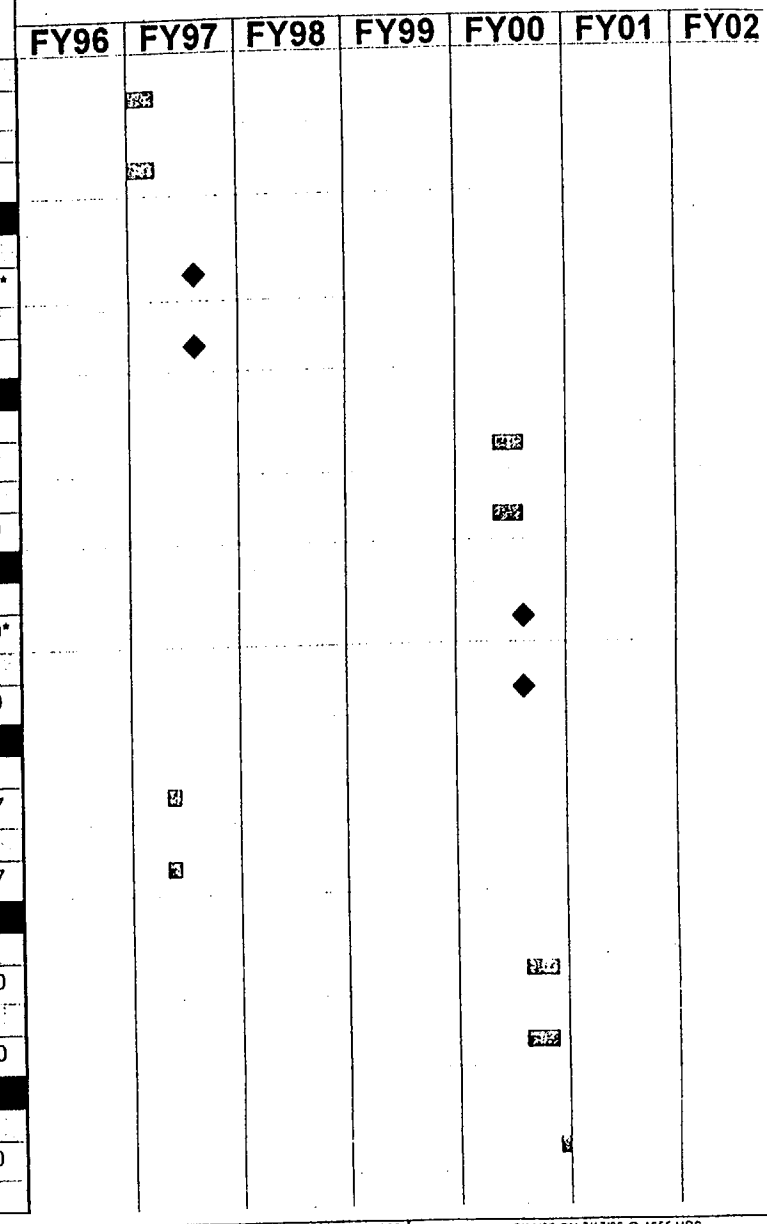
Date | Revision | Checked | Approv

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| Detail Activities (PSS) | | | | | |
| NE1038 | Review of Scoping Results | 2 | 66 | 01OCT96* | 31DEC96 |
| Detail LRP/IPS | | | | | |
| SSNE1038 | Review of Scoping Results | 3 | 61 | 01OCT96 | 31DEC96 |
| NE1038M2 - Issue EIS Scoping Comment Response Do | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1038M2 | Issue EIS Scoping Comment Response Document | 2 | 0 | | 06MAY97* |
| Detail LRP/IPS | | | | | |
| SS1038M3 | Issue EIS Scoping Comment Response | 3 | 0 | | 06MAY97 |
| NE1039 - Preliminary Final EIS Prepare and Issue | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1039 | Preliminary Final EIS Prepare and Issue | 2 | 73 | 01FEB00 | 11MAY00 |
| Detail LRP/IPS | | | | | |
| SSNE1039 | PFEIS Prepare and Issue | 3 | 72 | 01FEB00 | 11MAY00 |
| NE1039M2 - Issue Preliminary Final EIS | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1039M2 | Issue Preliminary Final EIS | 2 | 0 | | 11MAY00* |
| Detail LRP/IPS | | | | | |
| SS1039M3 | Issue Preliminary Final EIS | 3 | 0 | | 11MAY00 |
| NE1040 - First Draft Descr of Prop Action & Alt | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1040 | First Draft Descr Of Prop Action & Alt | 2 | 34 | 31JAN97 | 19MAR97 |
| Detail LRP/IPS | | | | | |
| SSNE1040 | First Draft DOPAA | 3 | 33 | 31JAN97 | 19MAR97 |
| NE1041 - Final EIS Prepare and Issue | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1041 | Final EIS Prepare and Issue | 2 | 76 | 12MAY00 | 25AUG00 |
| Detail LRP/IPS | | | | | |
| SSNE1041 | FEIS Prepare and Issue | 3 | 74 | 12MAY00 | 25AUG00 |
| NE1042 - Record Of Decision Prepare and Issue | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1042 | ROD Prepare and Issue | 2 | 25 | 28AUG00 | 29SEP00 |
| Detail LRP/IPS | | | | | |




Project Start 01OCT95
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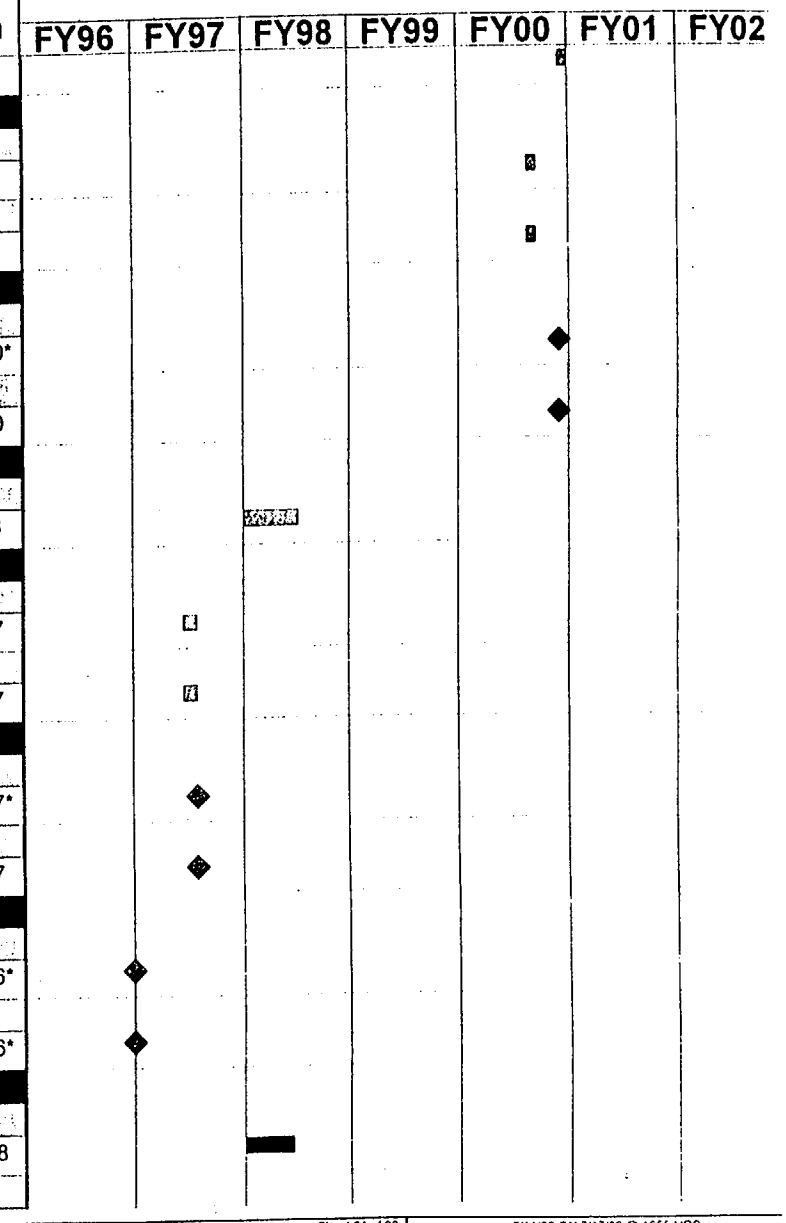
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SSNE1042 | ROD Prepare and Issue | 3 | 24 | 28AUG00 | 29SEP00 |
| NE1043 - DOE HQ Review | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1043 | DOE HQ Review | 2 | 22 | 12MAY00 | 12JUN00 |
| Detail LRP/IPS | | | | | |
| SSNE1043 | DOE HQ Review | 3 | 21 | 12MAY00 | 12JUN00 |
| NE1043M0 - Publish Final EIS | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1043M0 | Publish FEIS | 2 | 0 | | 25AUG00* |
| Detail LRP/IPS | | | | | |
| SS1043M3 | Publish FEIS | 3 | 0 | | 25AUG00 |
| NE1045 - Write PISA Ch. 10, Radiation Protectio | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1045 | Write PISA Ch. 10, Radiation Protection | 2 | 130 | 30SEP97 | 08APR98 |
| NE1070 - Final Descr of Prop Action and Alt | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1070 | Final Descr Of Prop Action & Alt. | 2 | 31 | 20MAR97 | 01MAY97 |
| Detail LRP/IPS | | | | | |
| SSNE1070 | Final DOPAA | 3 | 31 | 20MAR97 | 01MAY97 |
| NE1070M3 - Issue Descr of Prop Action and Alt | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1070M3 | Issue DOPAA | 2 | 0 | | 01MAY97* |
| Detail LRP/IPS | | | | | |
| SS1070M3 | Issue DOPAA | 3 | 0 | | 01MAY97 |
| NE1240M2 - EIS Contract Awarded | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1240M2 | EIS Contract Awarded | 2 | 0 | | 01OCT96* |
| Detail LRP/IPS | | | | | |
| SS1240M3 | EIS Contract Awarded | 3 | 0 | | 01OCT96* |
| NE1250 - Preliminary Impacts Assessment | | | | | |
| Detail Activities (PSS) | | | | | |
| NE1250 | Preliminary Impacts Assessment | 2 | 120 | 30SEP97 | 16MAR98 |
| Detail LRP/IPS | | | | | |

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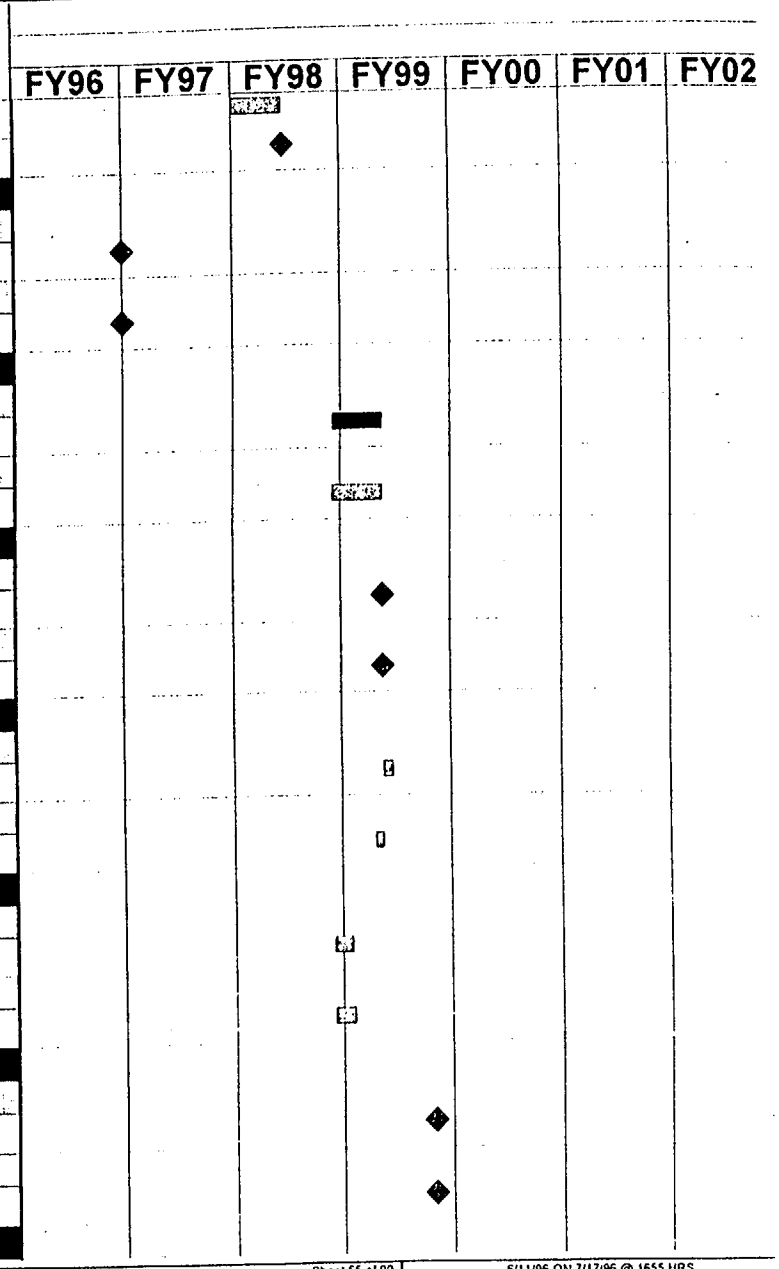
|---|---|---|---|---|---|
| SSNE1250 | Preliminary Impacts Assessment | 3 | 113 | 01OCT97 | 17MAR98 |
| SSNE219 | Complete Preliminary Impact Assessment Rpt | 3 | 0 | | 17MAR98 |
| **NE1260M3 - EIS Contractor on Board** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| NE1260M3 | EIS Contractor on Board | 2 | 0 | 01OCT96 | |
| **Detail LRP/IPS** | | | | | |
| SS1260M3 | EIS Contractor on Board | 3 | 0 | 01OCT96 | |
| **NE5001 - Prepare Preliminary Draft EIS** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| NE5001 | Prepare Preliminary Draft EIS | 2 | 120 | 02SEP98 | 16FEB99 |
| **Detail LRP/IPS** | | | | | |
| SSNE5001 | Prepare PDEIS | 3 | 112 | 03SEP98 | 17FEB99 |
| **NE5001M2 - Issue Preliminary Draft EIS** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| NE5001M2 | Issue Preliminary Draft EIS | 2 | 0 | | 17FEB99* |
| **Detail LRP/IPS** | | | | | |
| SS5001M3 | Issue Preliminary DEIS | 3 | 0 | | 17FEB99 |
| **NE5003 - DOE HQ Review** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| NE5003 | DOE HQ Review | 2 | 22 | 17FEB99 | 18MAR99 |
| **Detail LRP/IPS** | | | | | |
| SSNE5003 | DOE HQ Review | 3 | 22 | 18JAN99 | 17FEB99 |
| **NE5024 - PISA/Prelim Draft EIS Variance Analysis** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| NE5024 | PISA/Prelim Draft EIS Variance Analysis | 2 | 44 | 02SEP98 | 02NOV98 |
| **Detail LRP/IPS** | | | | | |
| SSNE5024 | PISA/PDEIS Variance Analysis | 3 | 42 | 03SEP98 | 03NOV98 |
| **R5151M1 - Publish Draft EIS** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| R5151M1 | Publish Draft EIS | 2 | 0 | | 30JUL99 |
| **Detail LRP/IPS** | | | | | |
| SS5151M3 | Publish Draft EIS | 3 | 0 | | 30JUL99 |
| **R5171M0 - Publish FEIS Record of Decision** | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

Early
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Critical Activity

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CON2

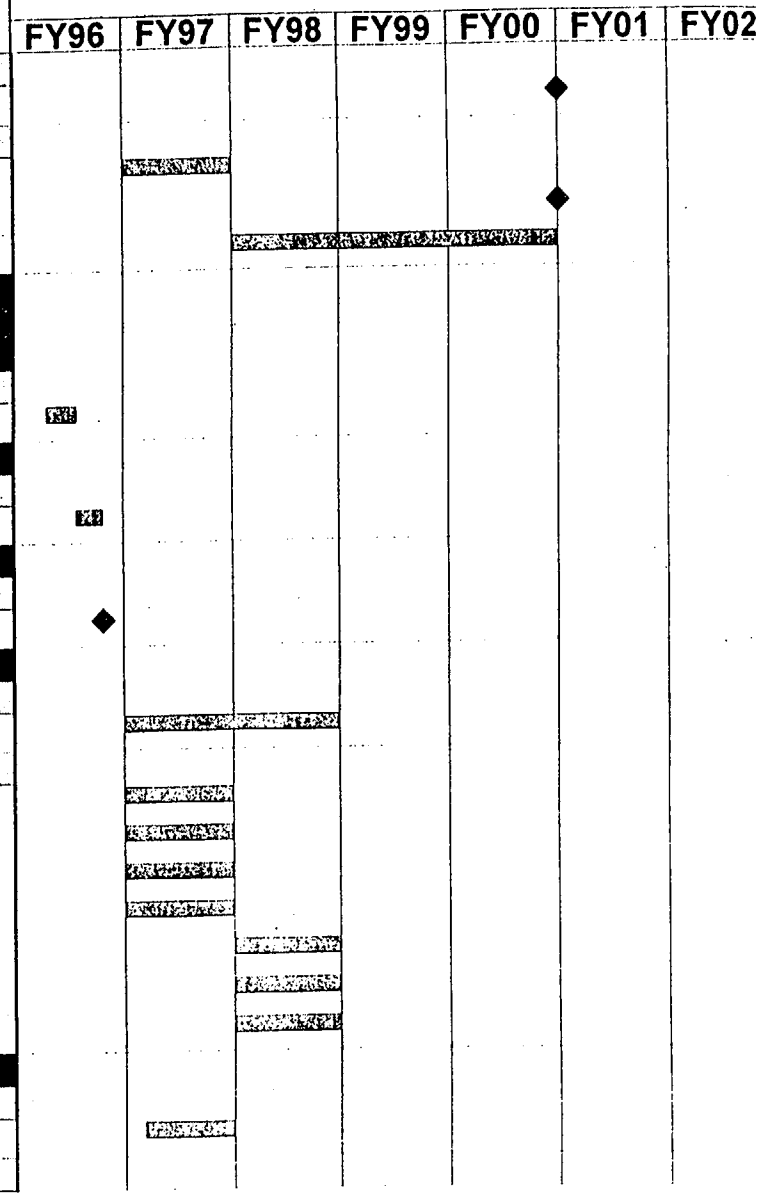
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Appro. |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| Detail Activities (PSS) | | | | | |
| R5171M0 | Publish FEIS Record of Decision | 2 | 0 | | 29SEP00 |
| Detail LRP/IPS | | | | | |
| SSNE560 | NEPA Compliance Support Activities - FY97 | 3 | 251 | 01OCT96* | 30SEP97 |
| SS5171M3 | Publish FEIS Record of Decision | 3 | 0 | | 29SEP00 |
| SSNE560A | NEPA Compliance Sppt Activities - FY98-FY00 | 3 | 753 | 01OCT97 | 29SEP00 |
| ES080 | | | | | |
| Detail Activities (PSS) | | | | | |
| ES080 | TBM Ops to GDF 2 Access (sta 39+40 - 49+90) | 2 | 72 | 22JAN96* | 30APR96 |
| ES085 - TBM Ops to South Ramp Turn (sta 49+90 - | | | | | |
| Detail Activities (PSS) | | | | | |
| ES085 | TBM Ops to South Ramp Turn (sta 49+90 - 59+01) | 2 | 61 | 01MAY96 | 24JUL96 |
| ES085M1 - Cmpl ESF Main Drift Excavation | | | | | |
| Detail Activities (PSS) | | | | | |
| ES085M1 | Cmpl ESF Main Drift Excavation | 2 | 0 | | 24JUL96* |
| ES088 - Prepare for Long Term ESF Operations | | | | | |
| Detail Activities (PSS) | | | | | |
| ES088 | Prepare for Long Term ESF Operations | 2 | 522 | 01OCT96* | 30SEP98 |
| Detail LRP/IPS | | | | | |
| SCES088C1 | Complete Underground Construction | 3 | 251 | 01OCT96 | 30SEP97 |
| SCES088E1 | Complete Existing Surface Facilities | 3 | 251 | 01OCT96 | 30SEP97 |
| SCES088N01 | Provide New Surface Construction | 3 | 251 | 01OCT96 | 30SEP97 |
| SE804 | Maintain ESFDR | 3 | 251 | 01OCT96* | 30SEP97 |
| SCES088C2 | Complete Underground Construction | 3 | 251 | 01OCT97 | 30SEP98 |
| SCES088E2 | Complete Existing Surface Facilities | 3 | 251 | 01OCT97 | 30SEP98 |
| SCES088N02 | Provide New Surface Construction | 3 | 251 | 01OCT97 | 30SEP98 |
| ES093 - TBM Ops - South Ramp (sta 59+01 - 78+58) | | | | | |
| Detail Activities (PSS) | | | | | |
| ES093 | TBM Ops - South Ramp (sta 59+01 - 78+58) | 2 | 215 | 04DEC96* | 30SEP97 |
| Detail LRP/IPS | | | | | |

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| Project Start | 01OCT95 | Early |
| Project Finish | 01MAR02 | Progress Bar |
| Data Date | 01OCT95 | Critical Activity |
| Plot Date | 17JUL96 | |

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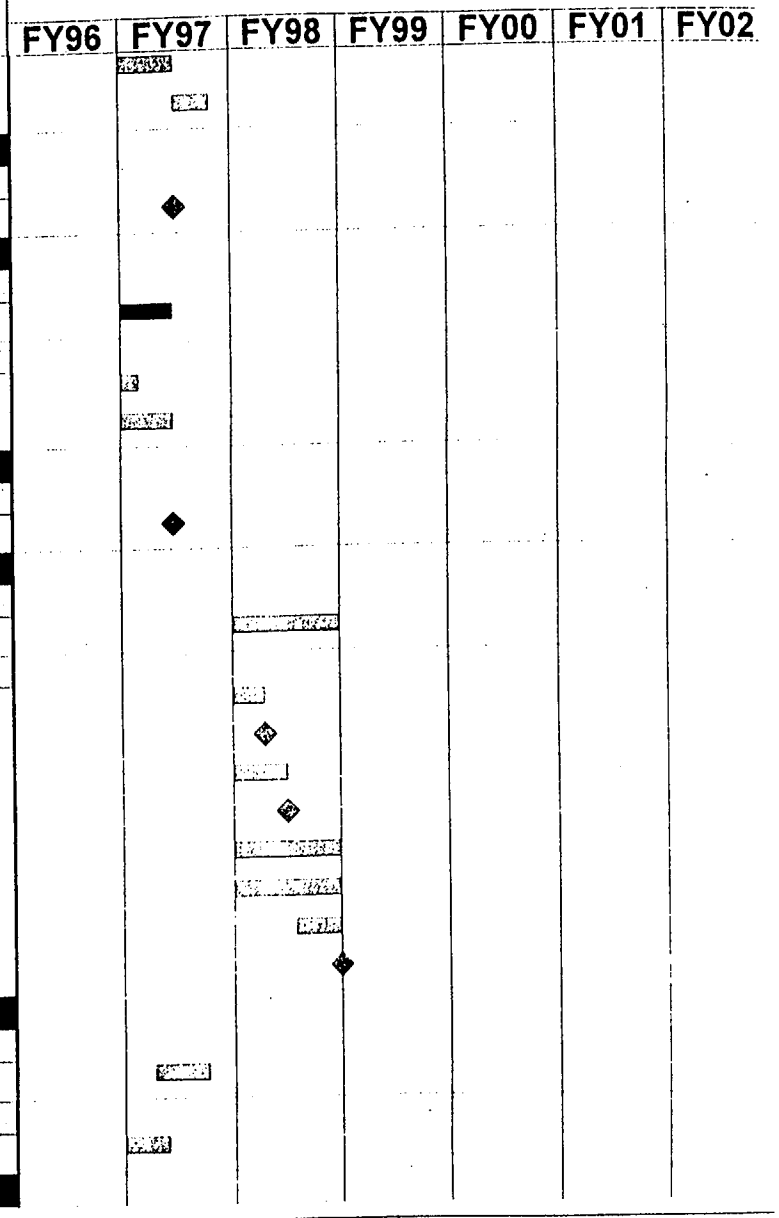
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Appro |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SCES093E1 | TBM Excavation 68+28 to 78+58 | 3 | 121 | 01OCT96* | 27MAR97 |
| SCES093E2 | Demob 25' TBM | 3 | 85 | 28MAR97 | 28JUL97 |
| ES093M2 - Complete TBM Operations to Daylight | | | | | |
| Detail Activities (PSS) | | | | | |
| ES093M2 | Complete TBM Operations to Daylight | 2 | 0 | | 27MAR97 |
| ES100 - Excavate Thermal Test Alcove | | | | | |
| Detail Activities (PSS) | | | | | |
| ES100 | Excavate Thermal Test Alcove | 2 | 127 | 01OCT96* | 26MAR97 |
| Detail LRP/IPS | | | | | |
| SCES100D1 | Complete Thermal Test Alcove Design | 3 | 40 | 01OCT96 | 27NOV96 |
| SCES100A1 | Excavate Thermal Test Access & Alcove | 3 | 120 | 01OCT96* | 26MAR97 |
| ES100M2 - Cmpl Excavation of Thermal Test Alcove | | | | | |
| Detail Activities (PSS) | | | | | |
| ES100M2 | Cmpl Excavation of Thermal Test Alcove | 2 | 0 | | 26MAR97 |
| ES1010 - Design East-West Drift | | | | | |
| Detail Activities (PSS) | | | | | |
| ES1010 | Design East-West Drift | 2 | 251 | 01OCT97* | 30SEP98 |
| Detail LRP/IPS | | | | | |
| SE830 | E-W Drift Design Requirements Study | 3 | 72 | 01OCT97* | 16JAN98 |
| SE830M3 | E-W Drift Design Req'mts Study Report | 3 | 0 | | 16JAN98 |
| SE804A | Maintain ESFDR | 3 | 124 | 01OCT97 | 01APR98 |
| SE804M3 | E-W Drift Revision of ESFDR | 3 | 0 | | 01APR98 |
| SCES1010D2 | Design East-West Drift | 3 | 251 | 01OCT97* | 30SEP98 |
| SE802 | Support E-W Drift Design | 3 | 251 | 01OCT97* | 30SEP98 |
| SE812 | Update Maindrift SSA to East-West Drift | 3 | 106 | 01MAY98* | 30SEP98 |
| SE812M3 | Deliver Updated Maindrift SSA | 3 | 0 | | 30SEP98 |
| ES270 - Excavate GDF Drift #1 | | | | | |
| Detail Activities (PSS) | | | | | |
| ES270 | Excavate GDF Drift #1 | 2 | 130 | 07JAN97 | 07JUL97 |
| Detail LRP/IPS | | | | | |
| SCES270A1 | Complete North Ghost Dance Fault Excavation | 3 | 99 | 01OCT96* | 25FEB97 |
| ES270M2 - Complete GDF Drift #1 Construction | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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Progress Bar
Critical Activity

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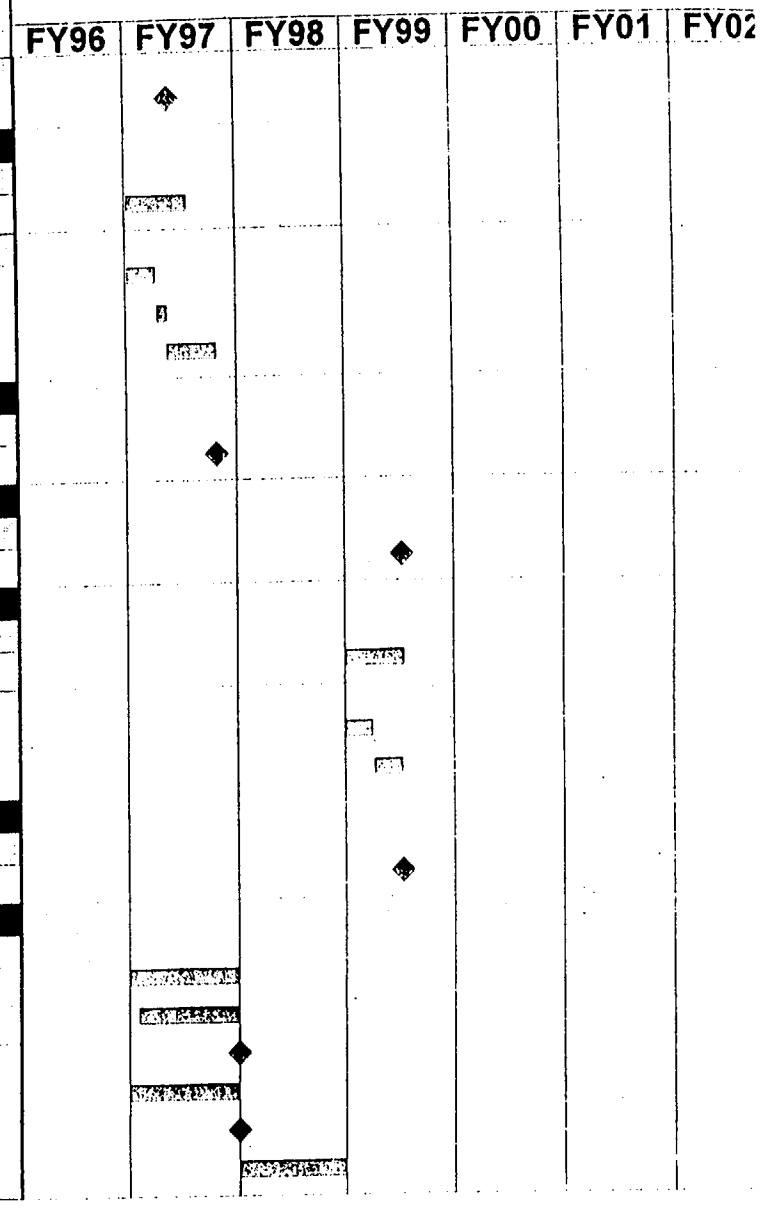
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Approv |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| Detail Activities (PSS) | | | | | |
| ES270M2 | Complete GDF Drift #1 Construction | 2 | 0 | | 25FEB97 |
| **ES271 - Excavate GDF Drift #2** | | | | | |
| Detail Activities (PSS) | | | | | |
| ES271 | Excavate GDF Drift #2 | 2 | 145 | 07OCT96* | 25APR97 |
| Detail LRP/IPS | | | | | |
| SCES271A1 | Construct South Ghost Dance Fault to Drill Room | 3 | 64 | 07OCT96* | 10JAN97 |
| SCES271D1 | Design Modifications for Drill Room | 3 | 28 | 13JAN97 | 20FEB97 |
| SCES271A2 | Complete South Ghost dance Fault Excavations | 3 | 110 | 21FEB97 | 28JUL97 |
| **ES271M2 - Complete GDF Drift #2 Construction** | | | | | |
| Detail Activities (PSS) | | | | | |
| ES271M2 | Complete GDF Drift #2 Construction | 2 | 0 | | 28JUL97 |
| **ES280M2 - Complete ESF Construction** | | | | | |
| Detail Activities (PSS) | | | | | |
| ES280M2 | Complete ESF Construction | 2 | 0 | | 09APR99 |
| **ES3010 - Excavate East-West Drift** | | | | | |
| Detail Activities (PSS) | | | | | |
| ES3010 | Excavate East-West Drift | 2 | 131 | 01OCT98 | 12APR99 |
| Detail LRP/IPS | | | | | |
| SCES3010E1 | Excavate East-West Drift Starter Tunnel | 3 | 61 | 01OCT98* | 31DEC98 |
| SCES3010E2 | Excavate East-West Drift & Demob | 3 | 69 | 04JAN99 | 09APR99 |
| **ES3010M2 - Complete East-West Drift** | | | | | |
| Detail Activities (PSS) | | | | | |
| ES3010M2 | Complete East-West Drift | 2 | 0 | | 09APR99 |
| **IN06X - ESF Construction Support** | | | | | |
| Detail LRP/IPS | | | | | |
| SE800 | Support ESF Operations | 3 | 251 | 01OCT96* | 30SEP97 |
| SE814 | Complete SSA Consolidation into ESF SSAR | 3 | 229 | 01NOV96* | 30SEP97 |
| SE814M3 | Deliver SAAR | 3 | 0 | | 30SEP97 |
| SE820 | DIE FY'97 | 3 | 251 | 01OCT96* | 30SEP97 |
| SE820M3 | DIE FY'97 REPORT | 3 | 0 | | 30SEP97 |
| SE822 | DIE FY'98 | 3 | 251 | 01OCT97* | 30SEP98 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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Critical Activity

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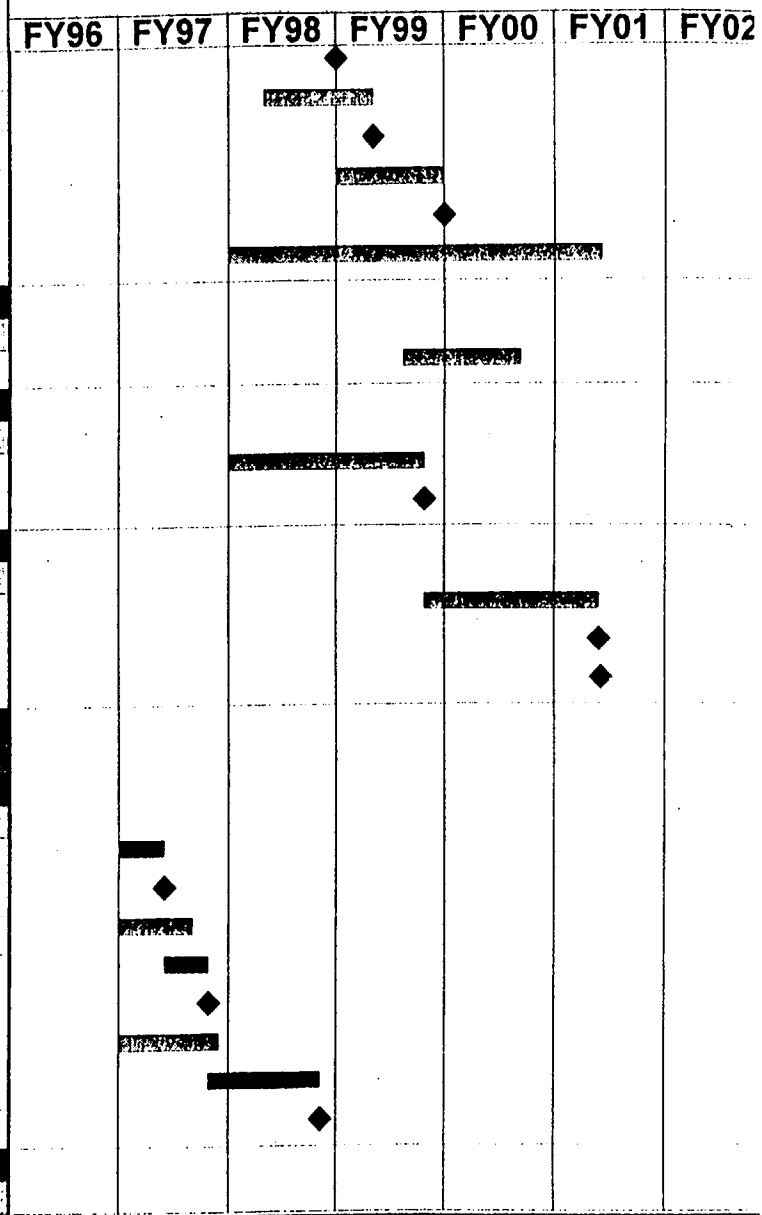
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Apr |
|---|---|---|---|
| | | | |

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SE822M3 | DIE FY'98 REPORT | 3 | 0 | | 30SEP98 |
| SE806 | Update ESF Con-Ops | 3 | 251 | 02FEB98* | 01FEB99 |
| SE806M3 | ESF Con Ops Rev.I | 3 | 0 | | 01FEB99 |
| SE824 | DIE FY'99 | 3 | 251 | 01OCT98* | 30SEP99 |
| SE824M3 | DIE FY'99 REPORT | 3 | 0 | | 30SEP99 |
| SE800A | Support ESF Operations | 3 | 855 | 01OCT97 | 01MAR01 |
| LA360 - Prepare Draft License Application | | | | | |
| Detail LRP/IPS | | | | | |
| SE710 | Support LA Preparation | 3 | 272 | 12MAY99* | 09JUN00 |
| SE125A - MGDS Design System Reqs Anlys - Ph II | | | | | |
| Detail LRP/IPS | | | | | |
| SE810A | Develop/Maintain ESF/MGDS Transition Plan | 3 | 455 | 01OCT97* | 26JUL99 |
| SE810AM3 | ESF/MGDS Transition Plan | 3 | 0 | | 26JUL99 |
| SE126 - MGDS Design System Reqs Anlys - Ph III | | | | | |
| Detail LRP/IPS | | | | | |
| SE810B | Maintain ESF/MGDS Transition Plan | 3 | 397 | 27JUL99 | 26FEB01 |
| SE810BM3 | ESF/MGDS Transition Plan | 3 | 0 | | 26FEB01 |
| SE810M3 | Issue Draft ESF/MGDS Transition Plan | 3 | 0 | | 01MAR01 |
| ST23C - Structural/Stratigraphic Ongoing Monitor | | | | | |
| Detail LRP/IPS | | | | | |
| SP27GA3 | Collect ESF Monitor Data & Prep Rpt | 3 | 102 | 01OCT96 | 28FEB97 |
| SP27GM3 | ESF Midyear Report | 3 | 0 | | 28FEB97 |
| SP3339C3 | Collect Therm-Mech Lab Data | 3 | 167 | 01OCT96 | 02JUN97 |
| SP3340A3 | Collect Geol/Geotech/ESF Monit Data & Prep Rpt: | 3 | 105 | 03MAR97 | 29JUL97 |
| SP3340B3 | Insitu Design Verification Final Report | 3 | 0 | | 29JUL97 |
| SP3339A3 | Revise Site Geotechnical Rpt | 3 | 230 | 01OCT96 | 29AUG97 |
| SP3340E3 | Collect Geotech/Geologic Monitor Data & Prep Rpt | 3 | 254 | 30JUL97 | 03AUG98 |
| SP3340M3 | Geotechnical/Geologic Annual Monitoring Report | 3 | 0 | | 03AUG98 |
| ST23E - Geologic Confirmatory Testing | | | | | |
| Detail LRP/IPS | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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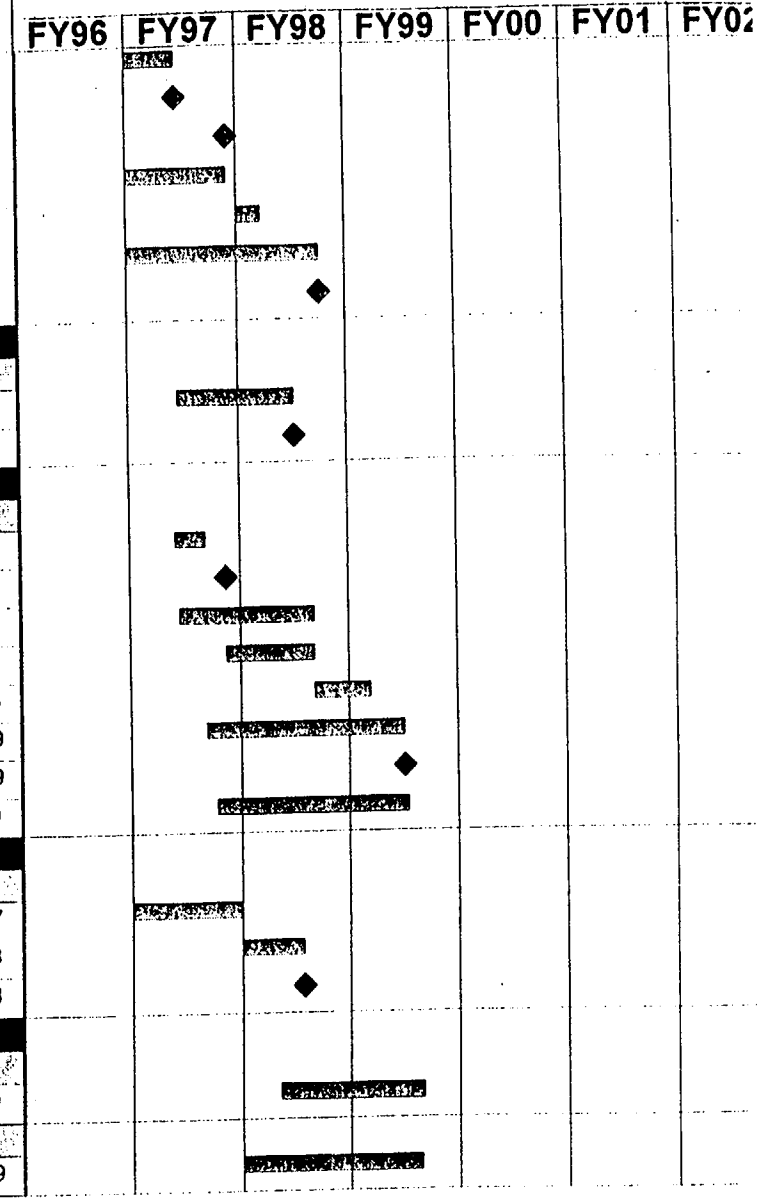
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Appr |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SP3D0A3 | Conduct Seals Tests & Prepare Report | 3 | 112 | 01OCT96 | 14MAR97 |
| SP3D0M3 | Seals Test Report | 3 | 0 | | 14MAR97 |
| SP3339M3 | Site Geotechnical Report Revision 1 | 3 | 0 | | 29AUG97 |
| SP23IA3 | Prepare PSHA of Yucca Mountain | 3 | 231 | 01OCT96 | 02SEP97 |
| SP24IA3 | Dev. Seismic Design Inputs from PSHA | 3 | 54 | 01OCT97* | 19DEC97 |
| SP23EA3 | Conduct Geologic Confirmatory Testing & Prep Rpt | 3 | 440 | 01OCT96 | 02JUL98 |
| SP3300M3 | Geologic Confimatory Testing Final Report | 3 | 0 | | 02JUL98 |
| **ST24C - Hydrologic Ongoing Monitoring** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SP3670A3 | Collect Hydro Testing/MonitorData & Prep Rpt | 3 | 266 | 17MAR97 | 06APR98 |
| SP3670M3 | Hydrology Annual Monitoring Report | 3 | 0 | | 06APR98 |
| **ST24E - Hydrologic Confirmatory Testing** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SP3505B3 | Instrument & Conduct Test in S. GDF | 3 | 70 | 03MAR97 | 09JUN97 |
| SP3507MC | Initiate South GDF Alcove Testing | 3 | 0 | 19AUG97* | |
| SP3500D3 | Continue Testing in N. GDF | 3 | 308 | 19MAR97 | 08JUN98 |
| SP3505D3 | Continue Testing in S. GDF | 3 | 201 | 19AUG97 | 08JUN98 |
| SP3509C3 | Prepare GDF Testing Report | 3 | 126 | 09JUN98 | 09DEC98 |
| SP3523A3 | Perform Hydrologic Confirmatory Testing | 3 | 452 | 10JUN97 | 30MAR99 |
| SP3523M3 | Hydrologic Confirmatory Testing Report | 3 | 0 | | 30MAR99 |
| SP3540A3 | Confirm Hydrology Flow Models | 3 | 439 | 16JUL97 | 15APR99 |
| **ST25C - Geochemical Ongoing Monitoring** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SP3799A3 | Prepare UZ Transport Test | 3 | 252 | 01OCT96 | 01OCT97 |
| SP3800A3 | Install UZ Transport Test | 3 | 140 | 02OCT97 | 24APR98 |
| SP3800M3 | Start UZ Transport Test | 3 | 0 | | 24APR98 |
| **ST25E - Geochemical/Transport Confirmatory Testi** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST25E | Geochemical/Transport Confirmatory Testing | 2 | 346 | 04FEB98 | 02JUN99 |
| **Detail LRP/IPS** | | | | | |
| SP3580A3 | Conduct Tests & Confirm Transport Models For LA | 3 | 413 | 02OCT97 | 26MAY99 |




Project Start 01OCT95
Project Finish 01MAR02
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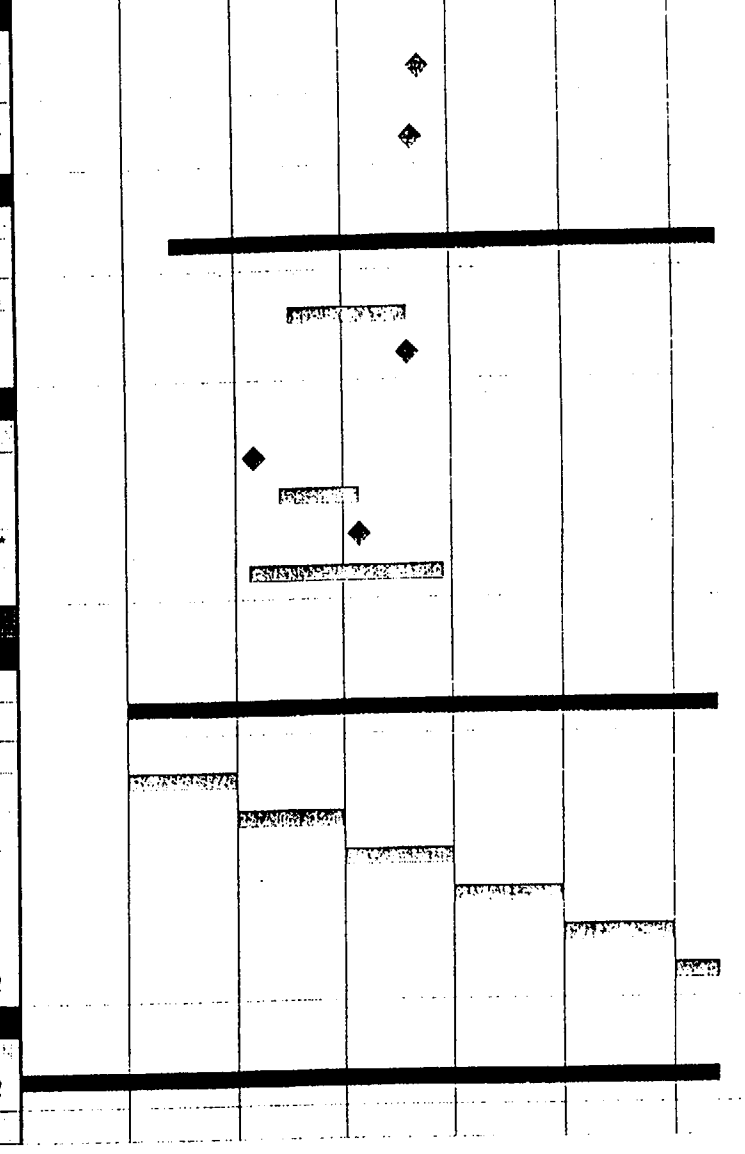
| Date | Revision | Checked | Apr |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| **ST25EM2 - Confirm Transport Models for LA Accept** | | | | | |
| Detail Activities (PSS) | | | | | |
| ST25EM2 | Confirm Transport Models for LA Acceptance | 2 | 0 | | 24JUN99 |
| Detail LRP/IPS | | | | | |
| SP3580M3 | Confirmatory Transport Models for LA Acceptance | 3 | 0 | | 26MAY99 |
| **ST26E - Climatological Confirmatory Testing** | | | | | |
| Detail Activities (PSS) | | | | | |
| ST26E | Climatological Confirmatory Testing | 2 | 1,304* | 04MAR97 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| SP3380A3 | Conduct Confirmatory Paleoclimate Analyses | 3 | 275 | 31MAR98 | 03MAY99 |
| SP3380M3 | Confirmatory Paleoclimate Analyses Report | 3 | 0 | | 03MAY99 |
| **ST27E - Near Field Environment Confirmatory Test** | | | | | |
| Detail LRP/IPS | | | | | |
| SP3320H3 | Rpt: Drift Scale Tst Layout & Early Observations | 3 | 0 | | 03DEC97 |
| SP3640A3 | Conduct Confirmatory Testing NFE & Prep Rpt: | 3 | 184 | 27FEB98* | 18NOV98 |
| SP3640M3 | Confirmatory Testing of Near Field Report | 3 | 0 | | 18NOV98* |
| SP3620A3 | Confirm Near Field Environment Models | 3 | 449 | 19NOV97* | 01SEP99 |
| **ES111 - ESF Operations Phase** | | | | | |
| Detail Activities (PSS) | | | | | |
| ES111 | ESF Operations Phase | 2 | 1,357* | 01OCT96 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| SCES111A1 | ESF Operations Phase (FY97) | 3 | 251 | 01OCT96* | 30SEP97 |
| SCES111A2 | ESF Operations Phase (FY98) | 3 | 251 | 01OCT97 | 30SEP98 |
| SCES111A3 | ESF Operations Phase (FY99) | 3 | 251 | 01OCT98 | 30SEP99 |
| SCES111A4 | ESF Operations Phase (FY00) | 3 | 251 | 01OCT99 | 29SEP00 |
| SCES111A5 | ESF Operations Phase (FY01) | 3 | 250 | 02OCT00 | 28SEP01 |
| SCES111A6 | ESF Operations Phase (FY02) | 3 | 103 | 01OCT01 | 01MAR02 |
| **IS140 - Records Processing for LSS** | | | | | |
| Detail Activities (PSS) | | | | | |
| IS140 | Records Processing for LSS | 2 | 1,675* | 02OCT95 | 01MAR02 |
| Detail LRP/IPS | | | | | |

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|---|---|
| Project Start | 01OCT95 |
| Project Finish | 01MAR02 |
| Data Date | 01OCT95 |
| Plot Date | 17JUL96 |

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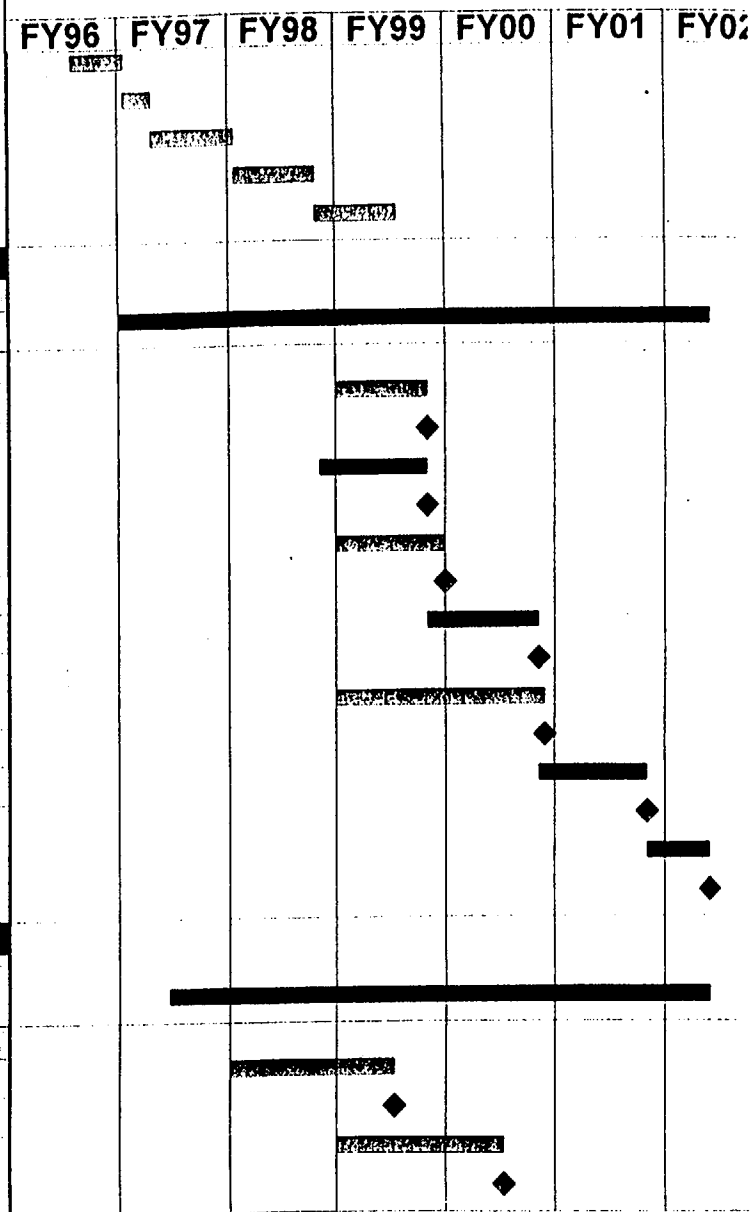
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Ap |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| BMIS140 | Prepare Records Processing Plan | 3 | 122 | 01MAY96* | 23OCT96 |
| BMIS141 | Establish Operational Records Processing Capabil | 3 | 61 | 24OCT96 | 23JAN97 |
| BMIS142 | Process 30% of Records | 3 | 189 | 24JAN97 | 22OCT97 |
| BMIS143 | Process 65% of Records | 3 | 186 | 23OCT97 | 21JUL98 |
| BMIS144 | Process 100% of Records (Est.600,000) | 3 | 188 | 22JUL98 | 21APR99 |
| **ST23C - Structural/Stratigraphic Ongoing Monitor** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST23C | Structural/Stratigraphic Ongoing Monitoring | 2 | 1,414* | 01OCT96 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| SP3341A3 | Collect / Analyze Geotech Design Data & Prep Rpt | 3 | 207 | 01OCT98* | 29JUL99 |
| SP3341M3 | Geotechnical Report for Surface Facil. Design | 3 | 0 | | 29JUL99 |
| SP3660A3 | Collect Geotech/Geologic Monitor Data & Prep Rpt | 3 | 251 | 04AUG98 | 03AUG99 |
| SP3660M3 | Geotechnical/Geologic Annual Monitoring Report | 3 | 0 | | 03AUG99 |
| SP3370A3 | Conduct Geol Map/Smplng of E-W Drift & Prep Rpt. | 3 | 250 | 01OCT98 | 29SEP99 |
| SP3370M3 | East-West Drift Engineering Geology Report | 3 | 0 | | 29SEP99 |
| SP3760A3 | Collect Geotech/Geologic Monitor Data & Prep Rpt | 3 | 253 | 04AUG99 | 04AUG00 |
| SP3760M3 | Geotechnical/Geologic Annual Monitoring Report | 3 | 0 | | 04AUG00 |
| SP3340C3 | Collect E-W Drift Insitu Des. Data & Prep Rpt. | 3 | 480 | 01OCT98* | 29AUG00 |
| SP3340D3 | East-West Drift Insitu Dsgn. Verification Report | 3 | 0 | | 29AUG00 |
| SP3900A3 | Collect Geotech/Geologic Monitor Data & Prep Rpt | 3 | 250 | 07AUG00 | 03AUG01 |
| SP3900M3 | Geotechnical/Geologic Annual Monitoring Reports | 3 | 0 | | 03AUG01 |
| SP3910A3 | Collect Geotech/Geologic Monitor Data & Prep Rpt | 3 | 142 | 06AUG01 | 01MAR02 |
| SP3910M3 | Geotechnical/Geologic Annual Monitoring Report | 3 | 0 | | 01MAR02 |
| **ST24C - Hydrologic Ongoing Monitoring** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST24C | Hydrologic Ongoing Monitoring | 2 | 1,295* | 17MAR97 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| SP3680A3 | Collect Hydrology Monitoring Data & Prep Rpt | 3 | 378 | 01OCT97* | 06APR99 |
| SP3680M3 | Hydrology Annual Monitoring Report | 3 | 0 | | 06APR99 |
| SP3820A3 | Collect Hydrology Monitoring Data & Prep Rpt | 3 | 379 | 01OCT98* | 06APR00 |
| SP3820M3 | Hydrology Annual Monitoring Report | 3 | 0 | | 06APR00 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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CON2

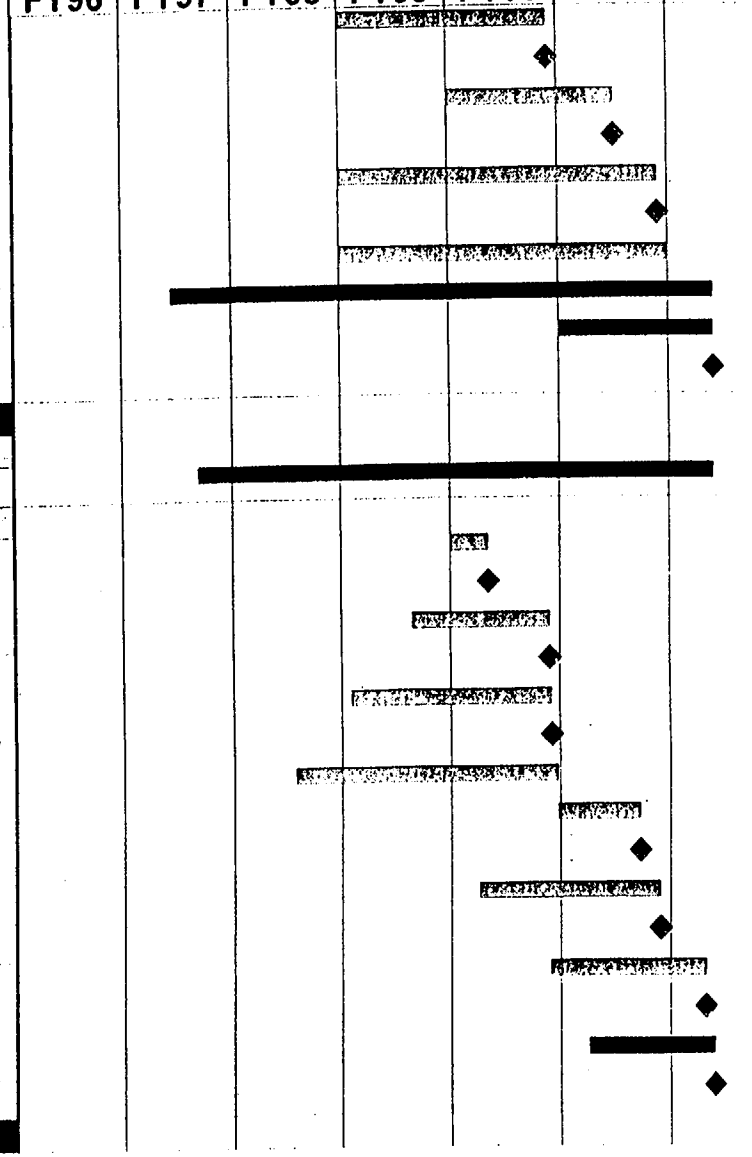
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Appr |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SP3572A3 | Conduct Hydro Testing East-West Drift & Prep Rpt | 3 | 479 | 01OCT98 | 28AUG00 |
| SP3572M3 | East-West Drift Hydrologic Testing Report | 3 | 0 | | 28AUG00 |
| SP3940A3 | Collect Hydrology Monitoring Data & Prep Rpt | 3 | 379 | 01OCT99* | 06APR01 |
| SP3940M3 | Hydrology Annual Monitoring Report | 3 | 0 | | 06APR01 |
| SP3586A3 | Conduct Second SZ Flow Test | 3 | 732 | 01OCT98* | 30AUG01 |
| SP3586M3 | Second SZ Flow Test Report | 3 | 0 | | 30AUG01 |
| SP3412A3 | Reclaim SBT Sites | 3 | 752 | 01OCT98* | 28SEP01 |
| SP3411G3 | Provide Tst Mgt &Suppt:Confirmatory Tstng/Monit | 3 | 1,245 | 17MAR97 | 01MAR02 |
| SP3950A3 | Collect Hydrology Monitoring Data & Prep Rpt | 3 | 353 | 02OCT00* | 01MAR02 |
| SP3950M3 | Hydrology Annual Monitoring Report | 3 | 0 | | 01MAR02 |
| **ST25C - Geochemical Ongoing Monitoring** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| ST25C | Geochemical Ongoing Monitoring | 2 | 1,235* | 09JUN97 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| SP3965A3 | Prepare UZ Transport Status Report | 3 | 82 | 01OCT99* | 01FEB00 |
| SP3965M3 | UZ Transport Test Status Report | 3 | 0 | | 01FEB00 |
| SP3985A3 | Transport Lab Tests and Model Update 1 | 3 | 314 | 27MAY99 | 24AUG00 |
| SP3985M3 | UZ &SZ Transport Model Status Report | 3 | 0 | | 24AUG00 |
| SP3840A3 | Collect NFE Monitoring Data & Prepare Report | 3 | 462 | 02NOV98* | 01SEP00 |
| SP3840M3 | Near Field Environment Report, Rev 2 | 3 | 0 | | 01SEP00* |
| SP3960A3 | Conduct UZ Transport Test | 3 | 608 | 27APR98 | 25SEP00 |
| SP3970A3 | Demob / Prepare Final UZ Transport Test | 3 | 187 | 26SEP00 | 25JUN01 |
| SP3970M3 | Final UZ Transport Test Report | 3 | 0 | | 25JUN01 |
| SP3980A3 | Collect NFE Monitoring Data & Prepare Report | 3 | 422 | 03JAN00* | 31AUG01 |
| SP3980M3 | Near Field Environment Report: Vol 2 Rev 3 | 3 | 0 | | 31AUG01 |
| SP3986A3 | Transport LabTests and Model Update 2 | 3 | 355 | 25AUG00 | 28JAN02 |
| SP3986M3 | Updated Transport Models | 3 | 0 | | 28JAN02 |
| SP3990A3 | Collect NFE Monitoring Data & Prepare Report | 3 | 293 | 02JAN01* | 01MAR02 |
| SP3990M3 | Near Field Environ Rpt: Vol 1 Rev 3, Vol 2 Rev 4 | 3 | 0 | | 01MAR02 |
| **WP060 - Long Duration Materials Testing** | | | | | |

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Project Finish 01MAR02
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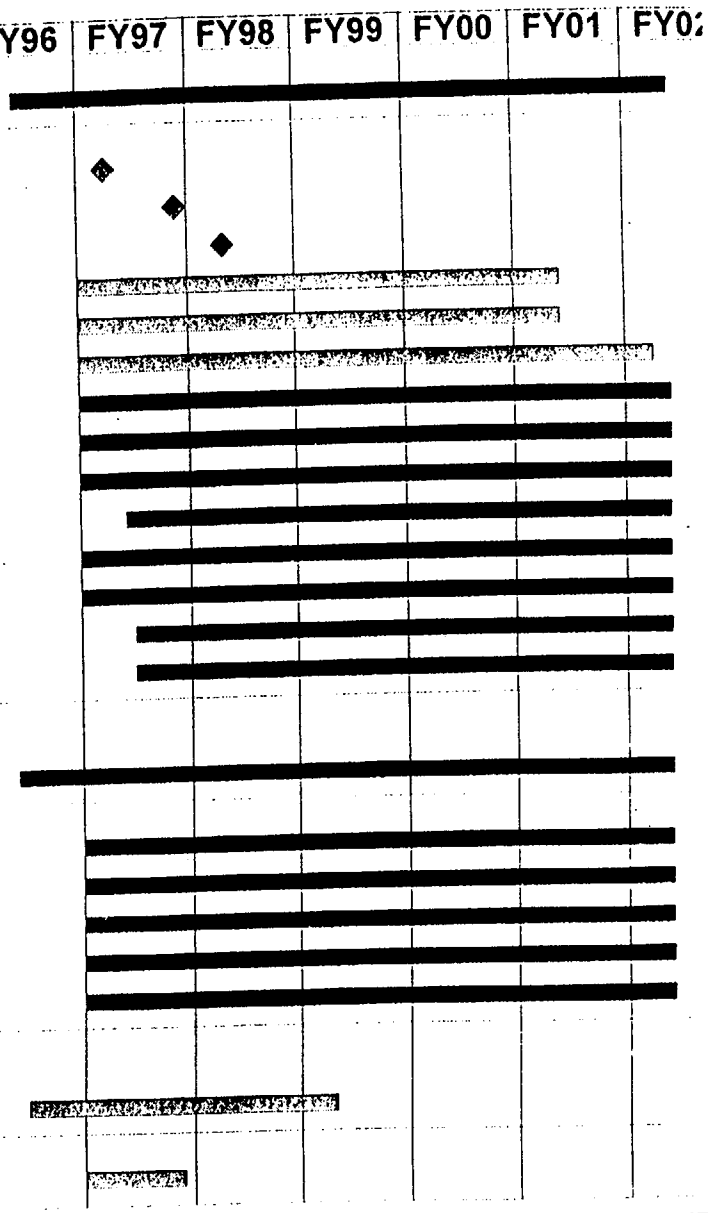
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

Date | Revision | Checked | Ap

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| **Detail Activities (PSS)** | | | | | |
| WP060 | Long Duration Materials Testing | 2 | 1,566* | 01MAR96 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| WP0600 | Receive PA Data Needs for TSPA - VA | 3 | 0 | 03JAN97 | |
| WP0600B | Receive Volume I of NFER | 3 | 0 | 26AUG97 | |
| WP0600A | Receive PA Data Needs for TSPA - LA | 3 | 0 | 03FEB98 | |
| WP0602 | Testing of Basket Materials | 3 | 1,106 | 01OCT96* | 01MAR01 |
| WP0615 | LLNL M&I | 3 | 1,106 | 01OCT96* | 01MAR01 |
| WP0605 | Develop Material Degradation Process Models | 3 | 1,315 | 01OCT96* | 31DEC01 |
| WP0011 | Support Systems Studies | 3 | 1,357 | 01OCT96* | 01MAR02 |
| WP0601 | Testing of Metal Barriers | 3 | 1,357 | 01OCT96* | 01MAR02 |
| WP0603 | Backfill, Inv & Pack. Matls Test | 3 | 1,357 | 01OCT96* | 01MAR02 |
| WP0604 | Develop EBS Materals Process Models | 3 | 1,255 | 03MAR97* | 01MAR02 |
| WP0606 | Provide Feed-back to Near-term Environment Activ | 3 | 1,357 | 01OCT96* | 01MAR02 |
| WP0607 | Self-loaded Crack Growth Tests | 3 | 1,357 | 01OCT96* | 01MAR02 |
| WP0608 | Galvanic Corosion Testing | 3 | 1,234 | 01APR97* | 01MAR02 |
| WP0609 | Electrochemical Potential Testing | 3 | 1,234 | 01APR97* | 01MAR02 |
| **WP122 - Long-Term Waste Form Testing & Modeling** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| WP122 | Long-Term Waste Form Testing & Modeling | 2 | 1,566* | 01MAR96 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| WP1221 | low temperature dry bath oxidation tests | 3 | 1,357 | 01OCT96* | 01MAR02 |
| WP1222 | Unsaturated Drip Condition Testing (SNF) | 3 | 1,357 | 01OCT96* | 01MAR02 |
| WP1223 | Measure Glass Alteration Under Unsaturated Drip | 3 | 1,357 | 01OCT96* | 01MAR02 |
| WP1224 | Develop Process Models for Predicting Waste Form | 3 | 1,357 | 01OCT96* | 01MAR02 |
| WP1225 | Support PNL Materials Characterization Center (M | 3 | 1,357 | 01OCT96* | 01MAR02 |
| **WP300 - Criticality Analyses/Isotopic Testing** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| WP300 | Criticality Analyses/Isotopic Testing | 2 | 735 | 01APR96* | 22JAN99 |
| **Detail LRP/IPS** | | | | | |
| WP3001 | Aquir/Anal. Data for Disp. Crit Anal Method '97 | 3 | 230 | 01OCT96* | 29AUG97 |

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Project Finish 01MAR02
Data Date 01OCT95
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Critical Activity

CON2

YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)

Sheet 74 of 90

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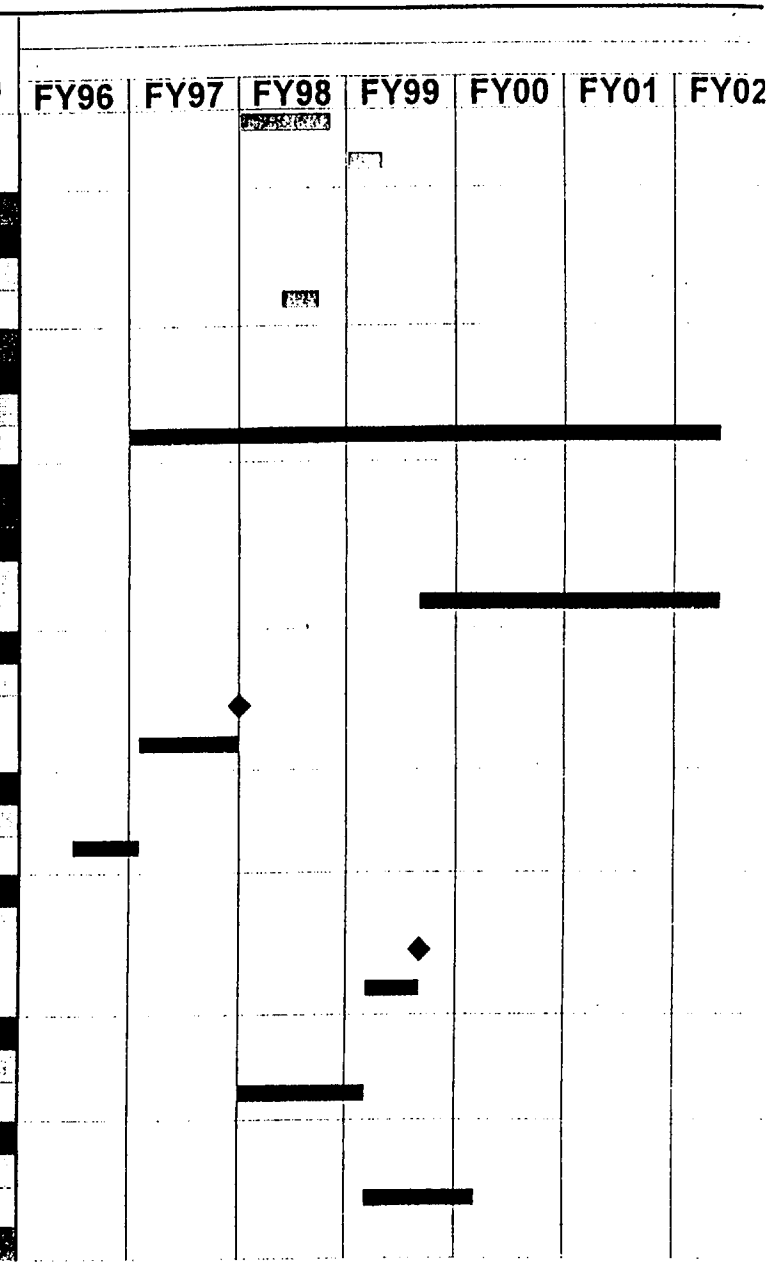
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| WP3002 | Aquir/Anal. Data for Disp. Crit Anal Method '98 | 3 | 204 | 09OCT97* | 03AUG98 |
| WP3003 | Aquir/Anal. Data for Disp. Crit Anal Method '99 | 3 | 75 | 02OCT98* | 22JAN99 |
| **Thermal/Hydrology** | | | | | |
| **ST27E - Near Field Environment Confirmatory Test** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SP3120A3 | Prepare Single Heater Test Final Report | 3 | 86 | 27FEB98 | 29JUN98 |
| **SE050 - Performance Confirmation Concepts** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SLSE050A | PA Support to Follow-On Performance Confirmation | 3 | 1,357 | 01OCT96* | 01MAR02 |
| **Information Systems** | | | | | |
| **IS141 - LSS Operations** | | | | | |
| **Detail LRP/IPS** | | | | | |
| BMIS2022 | LSS Operations | 3 | 688 | 03JUN99 | 01MAR02 |
| **IS180 - Perform LSS Make/Buy Analysis** | | | | | |
| **Detail LRP/IPS** | | | | | |
| BM183M3 | Deliver Cost/Benefit Analysis | 3 | 0 | | 30SEP97 |
| BMIS183 | Perform LSS Acquistion Analysis | 3 | 229 | 01NOV96 | 30SEP97 |
| **IS182 - LSS Acquisition Package** | | | | | |
| **Detail LRP/IPS** | | | | | |
| BMIS182 | Develop an LSS Acquisition Package (*DOE) | 3 | 150 | 01APR96* | 31OCT96 |
| **IS195 - LSS Installation and Test (M90)** | | | | | |
| **Detail LRP/IPS** | | | | | |
| BM1951M3 | Complete LSS Installation and Test | 3 | 0 | | 02JUN99 |
| BMIS1951 | LSS Installation and Test | 3 | 125 | 04DEC98 | 02JUN99 |
| **IS200 - Complete LSS Acquisition** | | | | | |
| **Detail LRP/IPS** | | | | | |
| BMIS184 | LSS Acquisition | 3 | 293 | 01OCT97 | 03DEC98 |
| **IS201 - NRC Certifies LSS** | | | | | |
| **Detail LRP/IPS** | | | | | |
| BMIS20110 | Support NRC Certification of LSS | 3 | 250 | 04DEC98 | 02DEC99 |




Project Start 01OCT95
Project Finish 01MAR02
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YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Appro |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| **IN120K - KENROB Information Management** | | | | | |
| Detail LRP/IPS | | | | | |
| BMIS111A | Info. Mgmt. M&O Support (KENROB) - FY97 | 3 | 251 | 01OCT96* | 30SEP97 |
| **Information Mgmt. Support** | | | | | |
| **Systems Engineering** | | | | | |
| **IN01X - Systems Engineering Base Support** | | | | | |
| Detail Activities (PSS) | | | | | |
| IN01X | Systems Engineering Base Support | 2 | 1,675* | 02OCT95 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| SE452 | Provide Management Support | 3 | 251 | 01OCT96* | 30SEP97 |
| SE702 | Provide Administration Support | 3 | 251 | 01OCT96* | 30SEP97 |
| SE568 | Provide Management Support | 3 | 455 | 01OCT97 | 26JUL99 |
| SE702A | Provide Administration Support | 3 | 455 | 01OCT97 | 26JUL99 |
| **Information Mgmt.** | | | | | |
| **IN12X - Information Management Base Support** | | | | | |
| Detail Activities (PSS) | | | | | |
| IN12X | Information Management Base Support | 2 | 1,675* | 02OCT95 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| BMIS101 | Information Management (M&O) - FY97 | 3 | 251 | 01OCT96* | 30SEP97 |
| BMIS102 | Information Management (M&O) - FY98 | 3 | 251 | 01OCT97 | 30SEP98 |
| BMIS103 | Information Management (M&O) - FY99 | 3 | 251 | 01OCT98 | 30SEP99 |
| BMIS104 | Information Management (M&O) - FY00 | 3 | 251 | 01OCT99 | 29SEP00 |
| BMIS105 | Information Management (M&O) - FY01 | 3 | 250 | 02OCT00 | 28SEP01 |
| BMIS106 | Information Management (M&O) - FY02 | 3 | 102 | 01OCT01 | 28FEB02 |
| **IN13X1 - ESH Base Support** | | | | | |
| Detail Activities (PSS) | | | | | |
| IN13X1 | ESH Base Support | 2 | 1,675* | 02OCT95 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| SSESH10 | ESH Base Support - FY97 | 3 | 251 | 01OCT96* | 30SEP97 |
| SSESH11 | ESH Base Support - FY98 | 3 | 251 | 01OCT97 | 30SEP98 |
| SSESH12 | ESH Base Support - FY99 | 3 | 251 | 01OCT98 | 30SEP99 |

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YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



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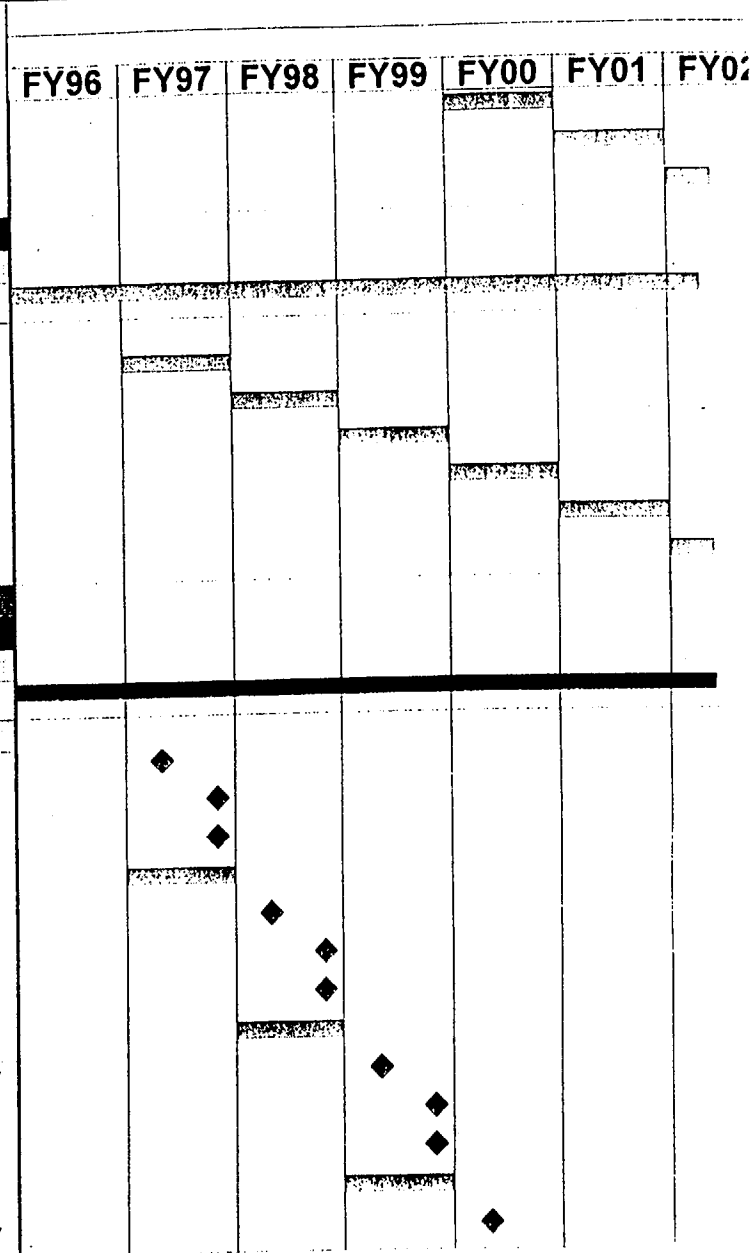
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SSESH13 | ESH Base Support - FY00 | 3 | 251 | 01OCT99 | 29SEP00 |
| SSESH14 | ESH Base Support - FY01 | 3 | 250 | 02OCT00 | 28SEP01 |
| SSESH15 | ESH Base Support - FY02 | 3 | 102 | 01OCT01 | 28FEB02 |
| **IN13X2 - ESH ESF Construction/Operations Base Su** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| IN13X2 | ESH ESF Construction/Operations Base Support | 2 | 1,644* | 02OCT95 | 17JAN02 |
| **Detail LRP/IPS** | | | | | |
| SSESF20 | ESH Support for ESF Constr./Operations - FY97 | 3 | 251 | 01OCT96* | 30SEP97 |
| SSESF21 | ESH Support for ESF Constr./Operations - FY98 | 3 | 251 | 01OCT97 | 30SEP98 |
| SSESF22 | ESH Support for ESF Constr./Operations - FY99 | 3 | 251 | 01OCT98 | 30SEP99 |
| SSESF23 | ESH Support for ESF Constr./Operations - FY00 | 3 | 251 | 01OCT99 | 29SEP00 |
| SSESF24 | ESH SUpport for ESF Constr./Operations - FY01 | 3 | 250 | 02OCT00 | 28SEP01 |
| SSESF25 | ESH Support for ESF Constr./Operations - FY02 | 3 | 102 | 01OCT01 | 28FEB02 |
| **IN14X - Institutional Base Support** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| IN14X | Institutional Base Support | 2 | 1,675* | 02OCT95 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| BMIN100 | 1996 Year in Review Video | 3 | 0 | | 31JAN97* |
| BMIN102 | New Work Update Video | 3 | 0 | | 31JUL97* |
| BMIN108 | Update YMP Stakeholder Plan | 3 | 0 | | 31JUL97* |
| BMIN093 | Institutional and External Affairs - FY97 | 3 | 251 | 01OCT96 | 30SEP97 |
| BMIN200 | 1997 Year in Review Video | 3 | 0 | | 30JAN98* |
| BMIN202 | New Work Update Video | 3 | 0 | | 31JUL98* |
| BMIN208 | Update YMP Stakeholder Plan | 3 | 0 | | 31JUL98* |
| BMIN094 | Institutional and External Affairs - FY98 | 3 | 251 | 01OCT97 | 30SEP98 |
| BMIN300 | 1998 Year in Review Video | 3 | 0 | | 29JAN99* |
| BMIN302 | New Work Update Video | 3 | 0 | | 30JUL99* |
| BMIN308 | Update YMP Stakeholder Plan | 3 | 0 | | 30JUL99* |
| BMIN095 | Institutional and External Affairs - FY99 | 3 | 251 | 01OCT98 | 30SEP99 |
| BMIN400 | 1999 Year in Review Video | 3 | 0 | | 31JAN00* |




Project Start 01OCT95
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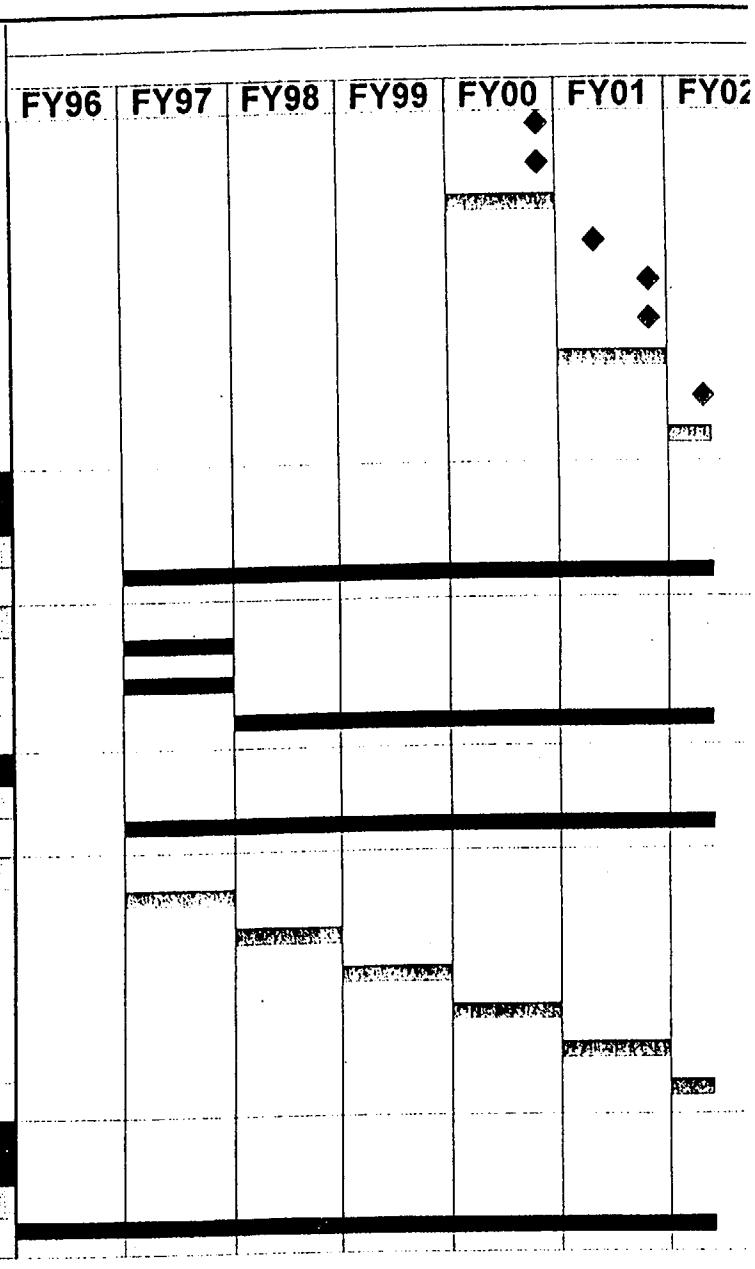
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

Date | Revision | Checked | Ap

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| BMIN402 | New Work Update Video | 3 | 0 | | 31JUL00* |
| BMIN408 | Update YMP Stakeholder Plan | 3 | 0 | | 31JUL00* |
| BMIN096 | Institutional and External Affairs - FY00 | 3 | 251 | 01OCT99 | 29SEP00 |
| BMIN500 | 2000 Year in Review Video | 3 | 0 | | 31JAN01* |
| BMIN502 | New Work Update Video | 3 | 0 | | 31JUL01* |
| BMIN508 | Update YMP Stakeholder Plan | 3 | 0 | | 31JUL01* |
| BMIN097 | Institutional and External Affairs - FY01 | 3 | 250 | 02OCT00 | 28SEP01 |
| BMIN600 | 2001 Year in Review Video | 3 | 0 | | 31JAN02* |
| BMIN098 | Institutional and External Affairs - FY02 | 3 | 102 | 01OCT01 | 28FEB02 |
| IN1502 - Administrative Base Support | | | | | |
| Detail Activities (PSS) | | | | | |
| IN1502 | Administrative Base Support | 2 | 1,414* | 01OCT96 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| SSA15021 | Administrative Support - FY97 | 3 | 251 | 01OCT96* | 30SEP97 |
| SSA1507 | Graphics Equipment | 3 | 251 | 01OCT96 | 30SEP97 |
| SSA15022 | Administrative Support - Outyears | 3 | 1,106 | 01OCT97 | 01MAR02 |
| IN1503 - YMP Training Base Support | | | | | |
| Detail Activities (PSS) | | | | | |
| IN1503 | YMP Training Base Support | 2 | 1,414* | 01OCT96 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| SSA1512 | YMP Training - FY97 | 3 | 251 | 01OCT96* | 30SEP97 |
| SSA1514 | YMP Training - FY98 | 3 | 251 | 01OCT97 | 30SEP98 |
| SSA1516 | YMP Training - FY99 | 3 | 251 | 01OCT98 | 30SEP99 |
| SSA1518 | YMP Training - FY00 | 3 | 251 | 01OCT99 | 29SEP00 |
| SSA1520 | YMP Training - FY01 | 3 | 250 | 02OCT00 | 28SEP01 |
| SSA1522 | YMP Training - FY02 | 3 | 102 | 01OCT01 | 28FEB02 |
| IN02X - Waste Package Base Support | | | | | |
| Detail Activities (PSS) | | | | | |
| IN02X | Waste Package Base Support | 2 | 1,675* | 02OCT95 | 01MAR02 |

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Project Finish 01MAR02
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YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)

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6/11/96 ON 7/17/96 @ 1655 HRS

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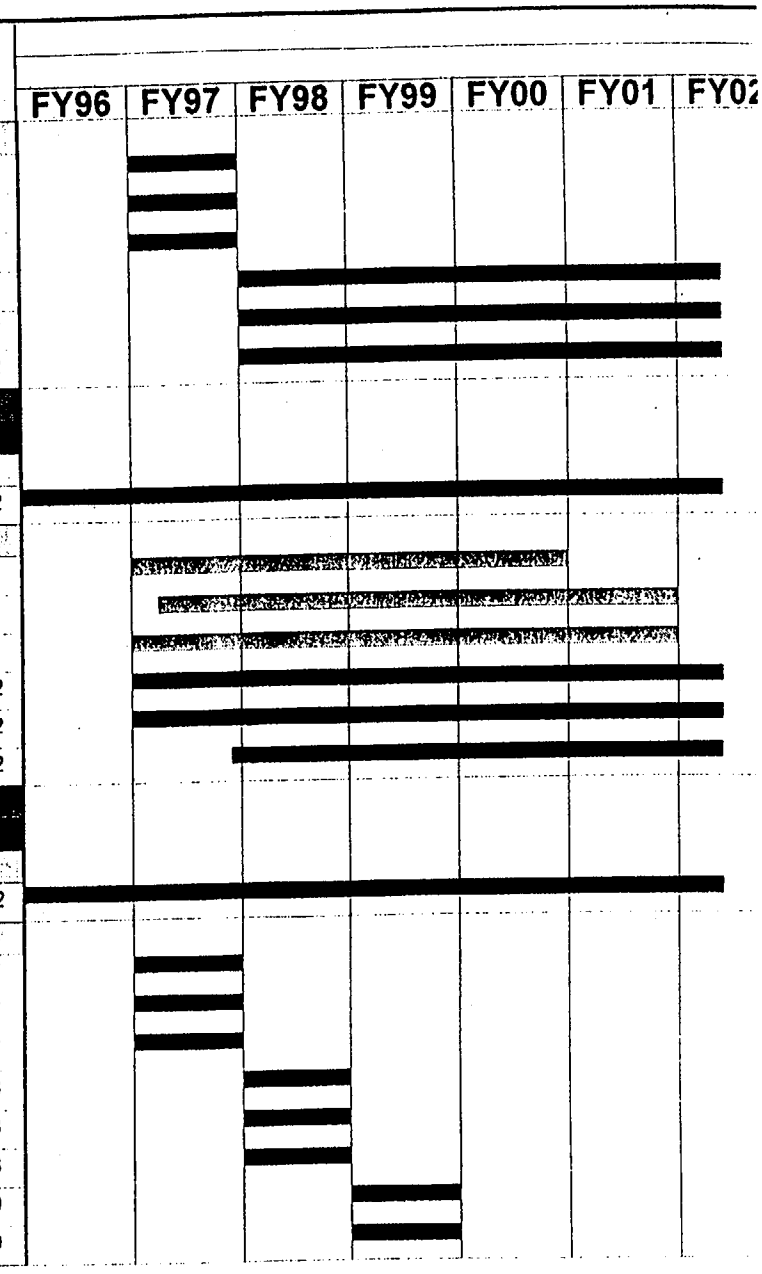
| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| **Detail LRP/IPS** | | | | | |
| WP0720A | MGDS Project Engineering Waste Package | 3 | 251 | 01OCT96* | 30SEP97 |
| WP0725A | Management & Integration Outside EBS | 3 | 251 | 01OCT96* | 30SEP97 |
| WP0730A | OPI/EDC/PCG | 3 | 251 | 01OCT96* | 30SEP97 |
| WP0720 | MGDS Project Engineering Waste Package | 3 | 1,106 | 01OCT97 | 01MAR02 |
| WP0725 | Management & Integration Outside EBS | 3 | 1,106 | 01OCT97 | 01MAR02 |
| WP0730 | OPI/EDC/PCG | 3 | 1,106 | 01OCT97 | 01MAR02 |
| **Site Investigations** | | | | | |
| **IN03X - Site Investigation Base Support** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| IN03X | Site Investigation Report Base Support | 2 | 1,675* | 02OCT95 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| SP9029A3 | Support System Functional/Requirements Analysis | 3 | 1,004 | 01OCT96 | 29SEP00 |
| SP3M0A3 | Prepare/Update Annual and Long Range Plans | 3 | 1,193 | 02JAN97* | 28SEP01 |
| SP9027A3 | Support to System Engineering | 3 | 1,254 | 01OCT96 | 28SEP01 |
| SP3M0D3 | Site Investigations Mgt. and Integration | 3 | 1,357 | 01OCT96 | 01MAR02 |
| SP9033A3 | Support VA & LA Test and Evaluation Plan | 3 | 1,357 | 01OCT96 | 01MAR02 |
| SP9104A3 | Provide Regulatory Support | 3 | 1,126 | 03SEP97 | 01MAR02 |
| **Repository** | | | | | |
| **IN04X - Repository Base Support** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| IN04X | Repository Base Support | 2 | 1,675* | 02OCT95 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| RP1000 | MGDS Project Engineering - Repository | 3 | 251 | 01OCT96* | 30SEP97 |
| RP10010 | Provide Management Support | 3 | 251 | 01OCT96* | 30SEP97 |
| RPNO4X00 | OPI/PCG/EDC | 3 | 251 | 01OCT96* | 30SEP97 |
| RP1000A | MGDS Project Engineering - Repository | 3 | 251 | 01OCT97 | 30SEP98 |
| RP10010A | Provide Management Support | 3 | 251 | 01OCT97 | 30SEP98 |
| RPNO4X0A | OPI/PCG/EDC | 3 | 251 | 01OCT97 | 30SEP98 |
| RP1000B | MGDS Project Engineering - Repository | 3 | 251 | 01OCT98 | 30SEP99 |
| RP10010B | Provide Management Support | 3 | 251 | 01OCT98 | 30SEP99 |

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| Project Start | 01OCT95 |
| Project Finish | 01MAR02 |
| Data Date | 01OCT95 |
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YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



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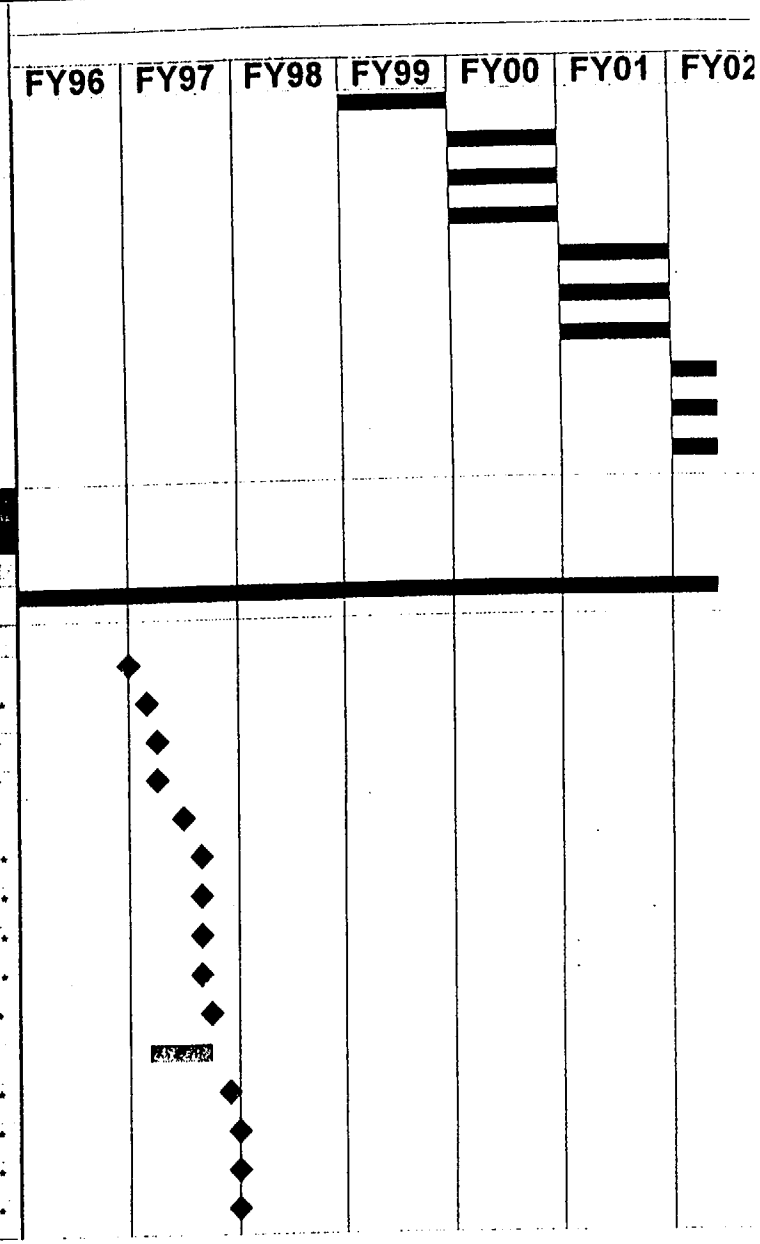
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| RPNO4X0B | OPI/PCG/EDC | 3 | 251 | 01OCT98 | 30SEP99 |
| RP1000C | MGDS Project Engineering - Repository | 3 | 251 | 01OCT99 | 29SEP00 |
| RP10010C | Provide Management Support | 3 | 251 | 01OCT99 | 29SEP00 |
| RPNO4X0C | OPI/PCG/EDC | 3 | 251 | 01OCT99 | 29SEP00 |
| RP1000D | MGDS Project Engineering - Repository | 3 | 250 | 02OCT00 | 28SEP01 |
| RP10010D | Provide Management Support | 3 | 250 | 02OCT00 | 28SEP01 |
| RPNO4X0D | OPI/PCG/EDC | 3 | 250 | 02OCT00 | 28SEP01 |
| RP1000E | MGDS Project Engineering - Repository | 3 | 103 | 01OCT01 | 01MAR02 |
| RP10010E | Provide Management Support | 3 | 103 | 01OCT01 | 01MAR02 |
| RPNO4X0E | OPI/PCG/EDC | 3 | 103 | 01OCT01 | 01MAR02 |
| IN05X - Regulatory Base Support | | | | | |
| Detail Activities (PSS) | | | | | |
| IN05X | Regulatory Support Base Support | 2 | 1,675* | 02OCT95 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| SL05XPA9 | Provide Facility Design with PA Data Needs (VA) | 3 | 0 | | 01OCT96 |
| SL05XPA1 | Provide WP with PA Data Needs/EBS Phase I | 3 | 0 | | 02DEC96* |
| SL05XPA6 | Provide WP with PA Data Needs/Short Term WF Test | 3 | 0 | | 02JAN97* |
| SL05XPA7 | Provide WP with PA Data Needs/Long Term Mat'ls | 3 | 0 | | 02JAN97* |
| SL05XPA2 | Receive EBS Input from WP/EBS Phase I | 3 | 0 | | 31MAR97 |
| SLTDB14 | Static Mech. Properties of Soil Data in RIB | 3 | 0 | | 27MAY97* |
| SLTDB27 | Volcanic Activity Description Data in RIB | 3 | 0 | | 27MAY97* |
| SLTDB28 | Seismic Activity Description Data in RIB | 3 | 0 | | 27MAY97* |
| SLTDB30 | Fold Description Data in RIB | 3 | 0 | | 27MAY97* |
| SLTDB36 | Surface Water Drainage Char. Data in RIB | 3 | 0 | | 30JUN97* |
| SLIN05X4B | UZ/ Net Infiltration Expert Elicitations | 3 | 147 | 05DEC96 | 03JUL97 |
| SLTDB35 | Paleo-Meteorological Description Data in RIB | 3 | 0 | | 02SEP97* |
| SLTDB04 | Incorporate EBS Design Phase I Data in GENESIS | 3 | 0 | | 29SEP97* |
| SLTDB09 | Incorp. Repository Design Ph. I Data in GENESIS | 3 | 0 | | 29SEP97* |
| SLTDB12 | Geochemical Stratigraphy Data Item in RIB | 3 | 0 | | 29SEP97* |




| | |
|---|---|
| Project Start | 01OCT95 |
| Project Finish | 01MAR02 |
| Data Date | 01OCT95 |
| Plot Date | 17JUL96 |

Early
Progress Bar
Critical Activity

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CON2

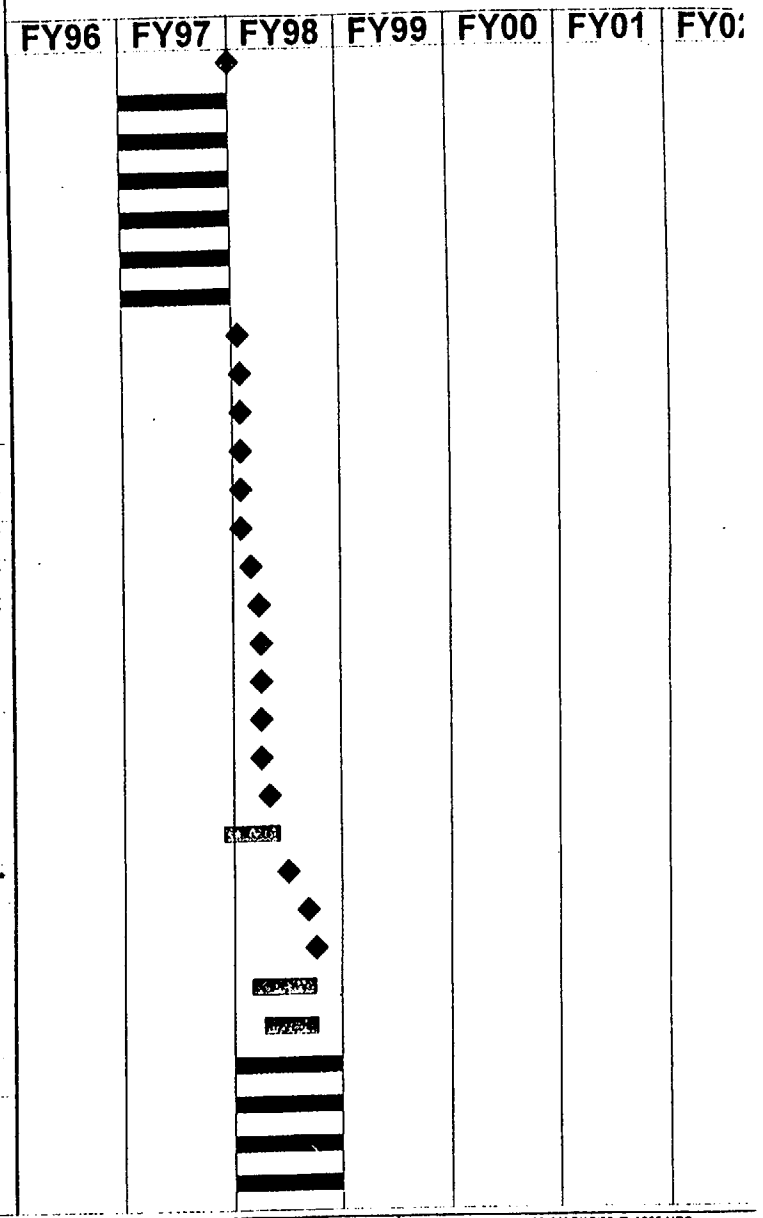
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Apr |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SL05XPAB | Receive Requested Data from Facility Design (VA) | 3 | 0 | | 30SEP97 |
| SLIN05X201 | Coordinate Regulatory Agencies Interactions/FY97 | 3 | 251 | 01OCT96 | 30SEP97 |
| SLIN05X211 | FY97 Regulatory Review & Consultation | 3 | 251 | 01OCT96 | 30SEP97 |
| SLIN05X301 | FY97 Regulatory Management & Integration | 3 | 251 | 01OCT96* | 30SEP97 |
| SLIN05X401 | FY97 Technical Evaluations | 3 | 251 | 01OCT96 | 30SEP97 |
| SLIN05X501 | FY97 Performance Assessment Management | 3 | 251 | 01OCT96 | 30SEP97 |
| SLTDB00A | Maintain Technical Data Base (FY97) | 3 | 251 | 01OCT96 | 30SEP97 |
| SLTDB06 | Incorporate Site Process Model Data in GENESIS | 3 | 0 | | 20OCT97* |
| SLTDB34 | Site Meteorological Char. Data in RIB | 3 | 0 | | 29OCT97* |
| SLTDB37 | Surface Water Erosion Description Data in RIB | 3 | 0 | | 29OCT97* |
| SLTDB41 | Flora Radionuclide Bioaccumulation Data in RIB | 3 | 0 | | 29OCT97* |
| SLTDB45 | Ambient Water Char. Data in RIB | 3 | 0 | | 29OCT97* |
| SLTDB47 | Backfill Properties Data in RIB | 3 | 0 | | 29OCT97* |
| SL05XPAC | Provide Facility Design with PA Data Needs (LA) | 3 | 0 | | 01DEC97* |
| SLTDB13 | Soil Hydrologic Properties Data in RIB | 3 | 0 | | 29DEC97* |
| SLTDB17 | Population Density Distribution Data in RIB | 3 | 0 | | 02JAN98* |
| SLTDB18 | Water Resources Description Data in RIB | 3 | 0 | | 02JAN98* |
| SLTDB19 | Geopolitical Boundaries Description in RIB | 3 | 0 | | 02JAN98* |
| SLTDB20 | Near Site Facility Description in RIB | 3 | 0 | | 02JAN98* |
| SL05XPA8 | Provide WP with PA Data Needs/Long Term Mat'ls | 3 | 0 | | 02FEB98* |
| SLIN05X4C | VA T/H Expert Elicitations | 3 | 123 | 02SEP97 | 02MAR98 |
| SL05XPA3 | Provide WP w/Design Assessment Feedback/EBS II | 3 | 0 | | 30MAR98* |
| SLTDB07 | Incorp. Site Descr. Synthesis Data in GENESIS | 3 | 0 | | 08JUN98* |
| SL05XPA4 | Provide WP with PA Data Needs/EBS Design Ph II | 3 | 0 | | 01JUL98* |
| SLIN05X4D | Waste Canister Degradation Expert Elicitations | 3 | 149 | 01DEC97 | 01JUL98 |
| SLIN05X4A | SZ Hydrology Expert Elicitations | 3 | 127 | 12JAN98* | 10JUL98 |
| SLIN05X202 | Coordinate Regulatory Agenciew Interaction/FY98 | 3 | 251 | 01OCT97 | 30SEP98 |
| SLIN05X212 | FY98 Regulatory Review & Consultation | 3 | 251 | 01OCT97 | 30SEP98 |
| SLIN05X302 | FY98 Regulatory Management & Integration | 3 | 251 | 01OCT97 | 30SEP98 |
| SLIN05X402 | FY98 Technical Evaluations | 3 | 251 | 01OCT97 | 30SEP98 |

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|---|---|
| Project Start | 01OCT95 |
| Project Finish | 01MAR02 |
| Data Date | 01OCT95 |
| Plot Date | 17JUL96 |

Early
Progress Bar
Critical Activity

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CON2

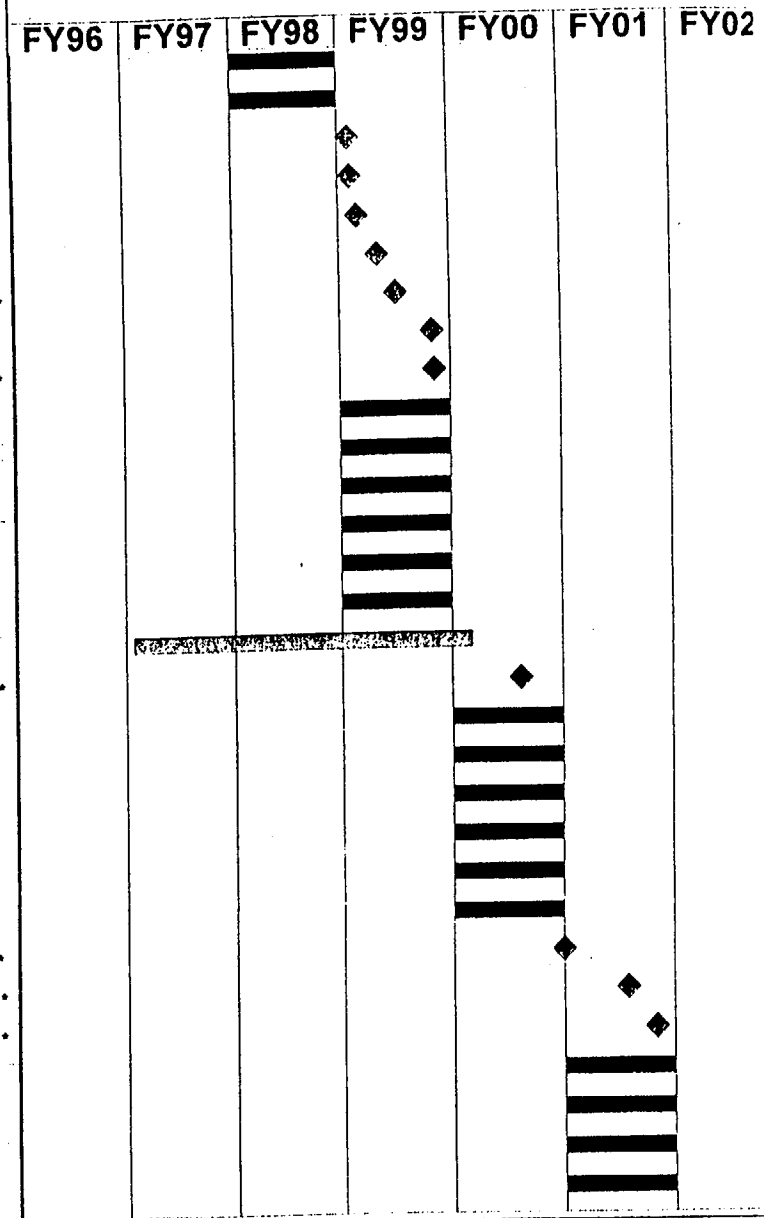
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Ap |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SLIN05X502 | FY98 Performance Assessment Management | 3 | 251 | 01OCT97 | 30SEP98 |
| SLTDB00B | Maintain Technical Data Base (FY98) | 3 | 251 | 01OCT97 | 30SEP98 |
| SLTDB46 | Waste Package Material Properties Data in RIB | 3 | 0 | | 29OCT98* |
| SLTDB48 | Waste Form Characteristics Data in RIB | 3 | 0 | | 05NOV98* |
| SL05XPAD | Receive Requested Data from Facility Design (LA) | 3 | 0 | | 25NOV98* |
| SL05XPA5 | Receive EBS Input from WP/EBS Design Phase II | 3 | 0 | | 29JAN99* |
| SLTDB01 | Incorporate VA Tech Data in GENISES | 3 | 0 | | 31MAR99* |
| SLTDB05 | Incorporate EBS Design Phase II Data in GENESIS | 3 | 0 | | 30JUL99* |
| SLTDB10 | Incorp. Repository Design Ph. II Data in GENESIS | 3 | 0 | | 06AUG99* |
| SLIN05X203 | Coordinate Regulatory Agencies Interactions/FY99 | 3 | 251 | 01OCT98 | 30SEP99 |
| SLIN05X213 | FY99 Regulatory Review & Consultation | 3 | 251 | 01OCT98 | 30SEP99 |
| SLIN05X303 | FY99 Regulatory Management & Integration | 3 | 251 | 01OCT98 | 30SEP99 |
| SLIN05X403 | FY99 Technical Evaluations | 3 | 251 | 01OCT98 | 30SEP99 |
| SLIN05X503 | FY99 Performance Assessmnet Management | 3 | 251 | 01OCT98 | 30SEP99 |
| SLTDB00C | Maintain Technical Data Base (FY99) | 3 | 251 | 01OCT98 | 30SEP99 |
| SLIS182A | Support LSS Acquisition/Installation/Operation | 3 | 773 | 31OCT96* | 02DEC99 |
| SLTDB08 | Incorp. Prel. Final EIS Tech Data in GENESIS | 3 | 0 | | 11MAY00* |
| SLIN05X204 | Coordinate Regulatory Agencies Interactions/FY00 | 3 | 251 | 01OCT99 | 29SEP00 |
| SLIN05X214 | FY00 Regulatory Review & Consultation | 3 | 251 | 01OCT99 | 29SEP00 |
| SLIN05X304 | FY00 Regulatory Management & Integration | 3 | 251 | 01OCT99 | 29SEP00 |
| SLIN05X404 | FY00 Technical Evaluations | 3 | 251 | 01OCT99 | 29SEP00 |
| SLIN05X504 | FY00 Performance Assessment Management | 3 | 251 | 01OCT99 | 29SEP00 |
| SLTDB00D | Maintain Technical Data Base (FY00) | 3 | 251 | 01OCT99 | 29SEP00 |
| SLTDB02 | Incorporate SR Technical Data in GENESIS | 3 | 0 | | 29SEP00* |
| SLTDB11 | Incorp. MGDS Design Ph. III Data in GENESIS | 3 | 0 | | 04MAY01* |
| SLTDB03 | Incorporate LA Technical Data in GENESIS | 3 | 0 | | 03AUG01* |
| SLIN05X205 | Coordinate Regulatory Agencies Interactions/FY01 | 3 | 250 | 02OCT00 | 28SEP01 |
| SLIN05X215 | FY01 Regulatory Review & Consultation | 3 | 250 | 02OCT00 | 28SEP01 |
| SLIN05X305 | FY01Regulatory Management & Integration | 3 | 250 | 02OCT00 | 28SEP01 |
| SLIN05X405 | FY01 Technical Evaluations | 3 | 250 | 02OCT00 | 28SEP01 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

Early
Progress Bar
Critical Activity

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CON2

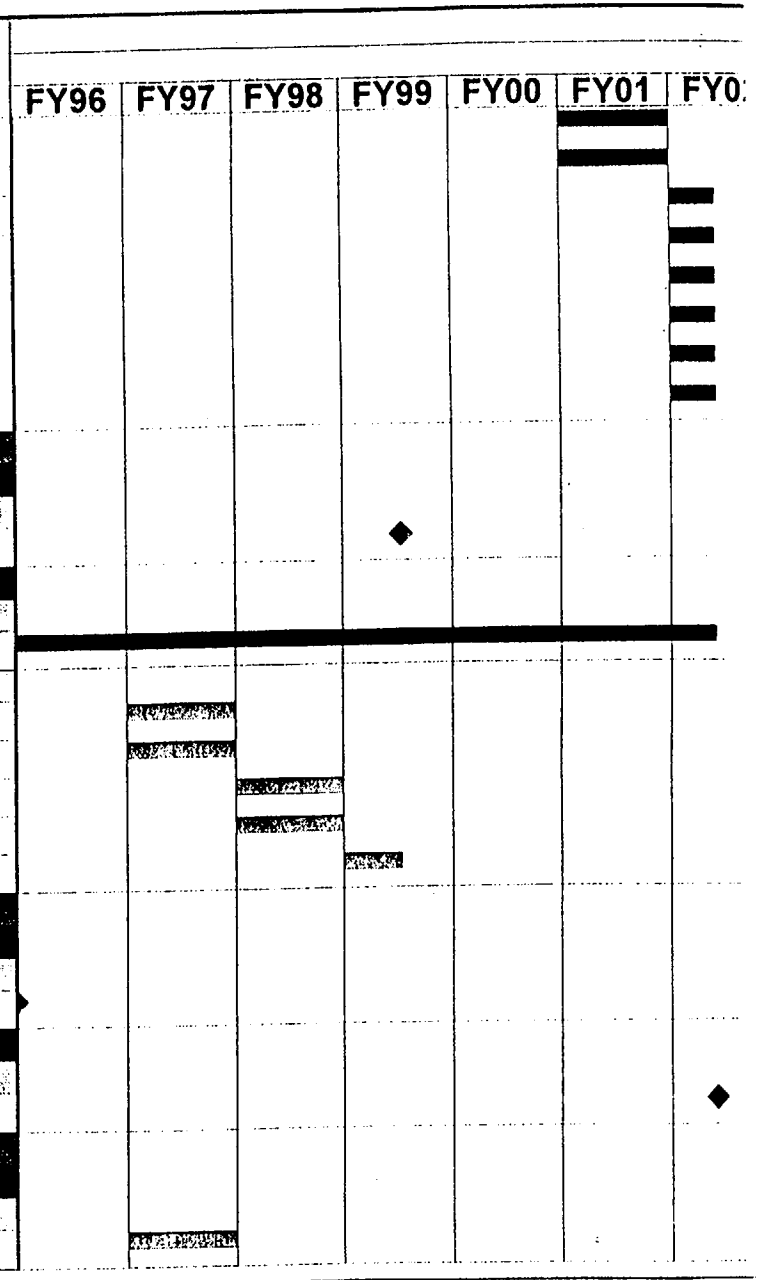
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

Date | Revision | Checked | Apr

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SLIN05X505 | FY01 Performance Assessment Management | 3 | 250 | 02OCT00 | 28SEP01 |
| SLTDB00E | Maintain Technical Data Base (FY01) | 3 | 250 | 02OCT00 | 28SEP01 |
| SLIN05X206 | Coordinate Regulatory Agencies Interactions/FY02 | 3 | 103 | 01OCT01 | 01MAR02 |
| SLIN05X216 | FY02 Regulatory Review & Consultation | 3 | 103 | 01OCT01 | 01MAR02 |
| SLIN05X306 | FY02Regulatory Management & Integration | 3 | 103 | 01OCT01 | 01MAR02 |
| SLIN05X406 | FY02 Technical Evaluations | 3 | 103 | 01OCT01 | 01MAR02 |
| SLIN05X506 | FY02 Performance Assessment Management | 3 | 103 | 01OCT01 | 01MAR02 |
| SLTDB00F | Maintain Technical Data Base (FY02) | 3 | 103 | 01OCT01 | 01MAR02 |
| IN06C - Complete Surface Construction | | | | | |
| Detail Activities (PSS) | | | | | |
| IN06C | Complete Surface Construction | 2 | 0 | | 09APR99 |
| IN06X - ESF Construction Support | | | | | |
| Detail Activities (PSS) | | | | | |
| IN06X | ESF Construction Support | 2 | 1,675* | 02OCT95 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| SCIN06XM3 | Management for Loop | 3 | 251 | 01OCT96 | 30SEP97 |
| SCIN06XM4 | Construction Indirects for Loop - Utilities | 3 | 251 | 01OCT96 | 30SEP97 |
| SCIN06XM2 | Construction Indirects for Loop - Equipment | 3 | 251 | 01OCT97* | 30SEP98 |
| SCIN06XM5 | Management for Loop | 3 | 251 | 01OCT97 | 30SEP98 |
| SCIN06XM1 | East West Drift Management | 3 | 130 | 01OCT98* | 09APR99 |
| IN01 - Infrastructure Start | | | | | |
| Detail Activities (PSS) | | | | | |
| IN01 | Infrastructure Start | 2 | 0 | 02OCT95 | |
| IN01Z - Infrastructure Finish | | | | | |
| Detail Activities (PSS) | | | | | |
| IN01Z | Infrastructure Finish | 2 | 0 | | 01MAR02 |
| IN06X - ESF Construction Support | | | | | |
| Detail LRP/IPS | | | | | |
| SCIN06XM6 | Technical Support for Loop (FY 97) | 3 | 251 | 01OCT96* | 30SEP97 |

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|---|---|---|---|
| Project Start | 01OCT95 | Early | |
| Project Finish | 01MAR02 | Progress Bar | |
| Data Date | 01OCT95 | Critical Activity | |
| Plot Date | 17JUL96 | | |

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CON2

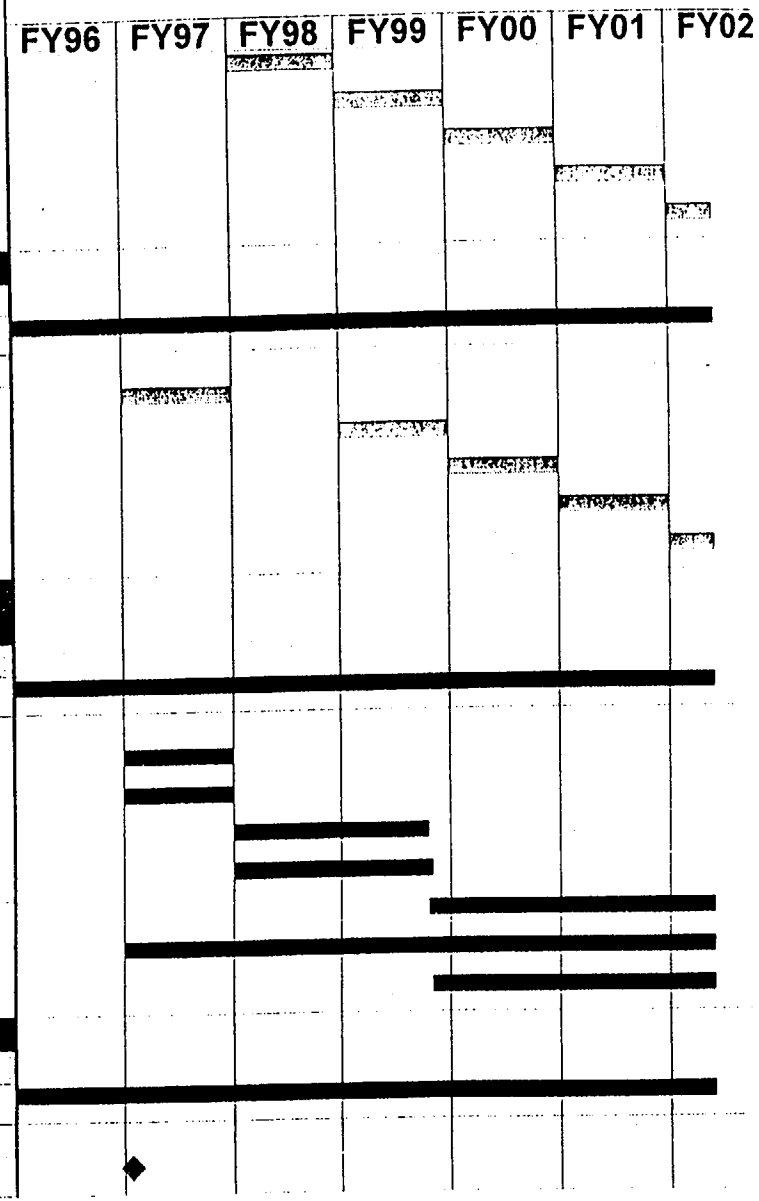
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Ap |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| SCIN06XM7 | Technical Support for Loop (FY 98) | 3 | 251 | 01OCT97 | 30SEP98 |
| SCIN06XM8 | Technical Support for Loop (FY 99) | 3 | 251 | 01OCT98 | 30SEP99 |
| SCIN06XM9 | Technical Support for Loop (FY 00) | 3 | 251 | 01OCT99 | 29SEP00 |
| SCIN06XM10 | Technical Support for Loop (FY 01) | 3 | 250 | 02OCT00 | 28SEP01 |
| SCIN06XM11 | Technical Support for Loop (FY 02) | 3 | 103 | 01OCT01 | 01MAR02 |
| **IN07X - Field Operations Center General Support** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| IN07X | Field Operations Center General Support | 2 | 1,675* | 02OCT95 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| SCIN07X1 | Test Facilities (FY97) | 3 | 251 | 01OCT96 | 30SEP97 |
| SCIN07X3 | Test Facilities (FY99) | 3 | 251 | 01OCT98 | 30SEP99 |
| SCIN07X4 | Test Facilities (FY00) | 3 | 251 | 01OCT99 | 29SEP00 |
| SCIN07X5 | Test Facilities (FY01) | 3 | 250 | 02OCT00 | 28SEP01 |
| SCIN07X6 | Test Facilities (FY02) | 3 | 103 | 01OCT01 | 01MAR02 |
| **IN09X - Project Mgmt Base Support** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| IN09X | Project Mgmt Base Support | 2 | 1,675* | 02OCT95 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| BMA0901 | Project Mgmt/Control I - FY97 | 3 | 251 | 01OCT96 | 30SEP97 |
| BMA0915 | Config Management I | 3 | 251 | 01OCT96 | 30SEP97 |
| BMA0902 | Project Mgmt/Control II | 3 | 449 | 01OCT97 | 16JUL99 |
| BMA0930 | Config Management II | 3 | 458 | 01OCT97 | 29JUL99 |
| BMA0903 | Project Mgmt/Control III | 3 | 657 | 19JUL99 | 01MAR02 |
| BMA0906 | Config Management YMSCO Support | 3 | 1,357 | 01OCT96 | 01MAR02 |
| BMA0950 | Config Management III | 3 | 648 | 30JUL99 | 01MAR02 |
| **PP100 - Project Planning** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PP100 | Project Planning | 2 | 1,675* | 02OCT95 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| BMA965M3 | Update YMP LRP-97 | 3 | 0 | | 30OCT96 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

Early
Progress Bar
Critical Activity

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CON2

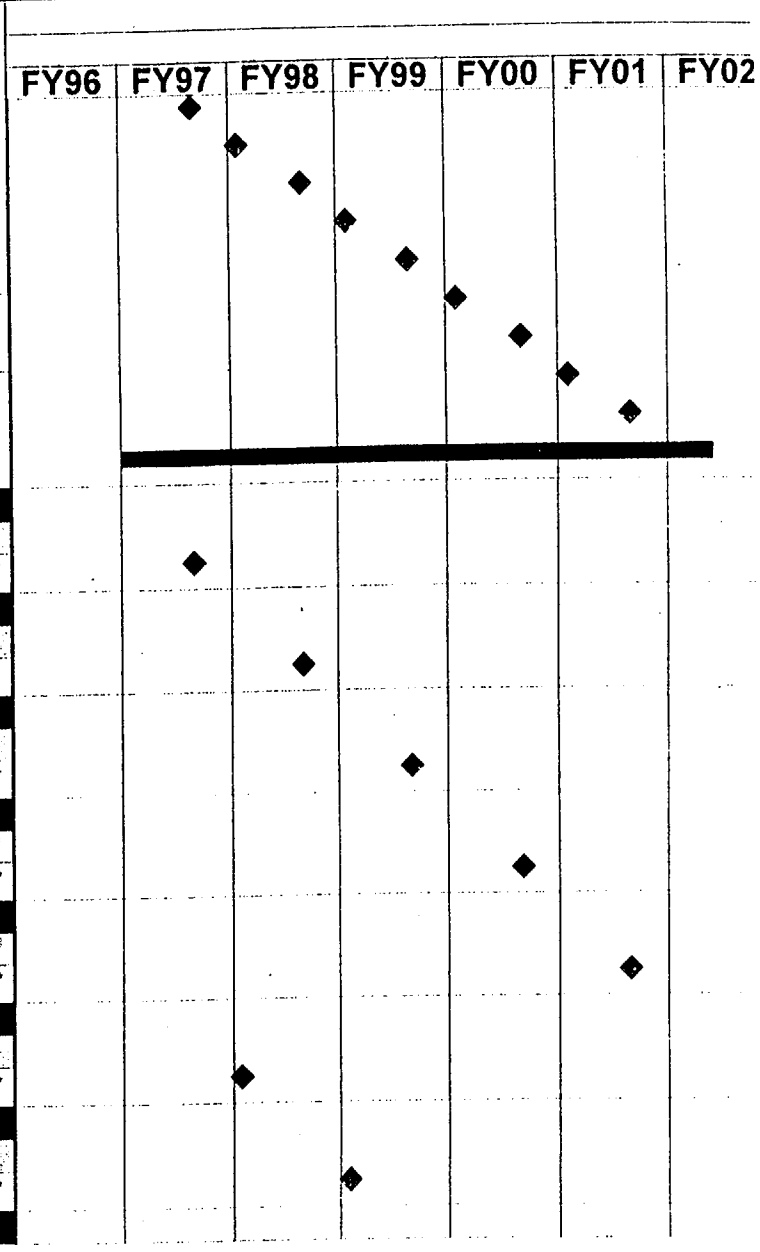
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Appr |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| BMA990M3 | Submit FY98 PIP to YMSCO | 3 | 0 | | 30MAY97 |
| BMA970M3 | Update YMP LRP-98 | 3 | 0 | | 30OCT97 |
| BMA995M3 | Submit FY99 PIP to YMSCO | 3 | 0 | | 01JUN98 |
| BMA975M3 | Update YMP LRP-99 | 3 | 0 | | 30OCT98 |
| BMA996M3 | Submit FY00 PIP to YMSCO | 3 | 0 | | 28MAY99 |
| BMA980M3 | Update YMP LRP-00 | 3 | 0 | | 01NOV99 |
| BMA997M3 | Submit FY01 PIP to YMSCO | 3 | 0 | | 30MAY00 |
| BMA985M3 | Update YMP LRP-01 | 3 | 0 | | 30OCT00 |
| BMA998M3 | Submit FY02 PIP to YMSCO | 3 | 0 | | 30MAY01 |
| BMA0955 | Integrated Planning | 3 | 1,357 | 01OCT96 | 01MAR02 |
| PP100AM2 - YMP Long Range Plan Annual Update | | | | | |
| Detail Activities (PSS) | | | | | |
| PP100AM2 | YMP Long Range Plan Annual Update | 2 | 0 | | 30MAY97* |
| PP100BM2 - YMP Long Range Plan Annual Update | | | | | |
| Detail Activities (PSS) | | | | | |
| PP100BM2 | YMP Long Range Plan Annual Update | 2 | 0 | | 01JUN98* |
| PP100CM2 - YMP Long Range Plan Annual Update | | | | | |
| Detail Activities (PSS) | | | | | |
| PP100CM2 | YMP Long Range Plan Annual Update | 2 | 0 | | 31MAY99* |
| PP100DM2 - YMP Long Range Plan Annual Update | | | | | |
| Detail Activities (PSS) | | | | | |
| PP100DM2 | YMP Long Range Plan Annual Update | 2 | 0 | | 30MAY00* |
| PP100EM2 - YMP Long Range Plan Annual Update | | | | | |
| Detail Activities (PSS) | | | | | |
| PP100EM2 | YMP Long Range Plan Annual Update | 2 | 0 | | 30MAY01* |
| PP100FM2 - Transmit Annual Work Plan to OCRWM | | | | | |
| Detail Activities (PSS) | | | | | |
| PP100FM2 | Transmit Annual Work Plan to OCRWM | 2 | 0 | | 30OCT97* |
| PP100GM2 - Transmit Annual Work Plan to OCRWM | | | | | |
| Detail Activities (PSS) | | | | | |
| PP100GM2 | Transmit Annual Work Plan to OCRWM | 2 | 0 | | 30OCT98* |
| PP100HM2 - Transmit Annual Work Plan to OCRWM | | | | | |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

Early
Progress Bar
Critical Activity

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CON2

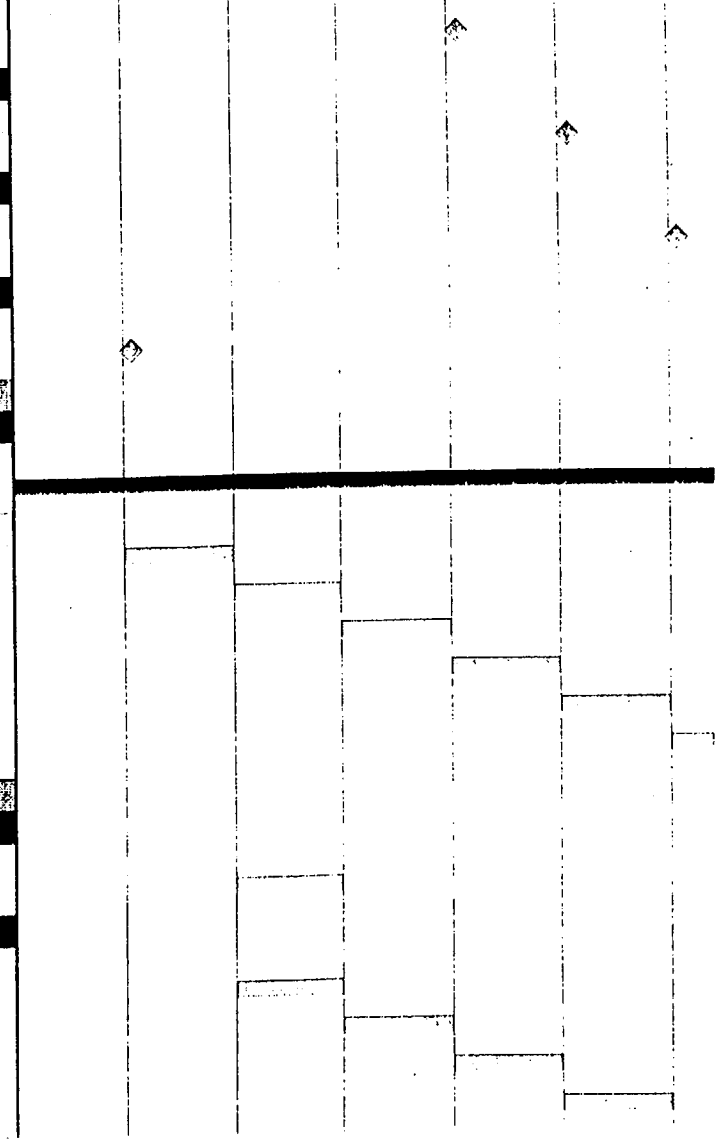
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Appr |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| Detail Activities (PSS) | | | | | |
| PP100HM2 | Transmit Annual Work Plan to OCRWM | 2 | 0 | | 01NOV99* |
| **PP100JM2 - Transmit Annual Work Plan to OCRWM** | | | | | |
| Detail Activities (PSS) | | | | | |
| PP100JM2 | Transmit Annual Work Plan to OCRWM | 2 | 0 | | 30OCT00* |
| **PP100KM2 - Transmit Annual Work Plan to OCRWM** | | | | | |
| Detail Activities (PSS) | | | | | |
| PP100KM2 | Transmit Annual Work Plan to OCRWM | 2 | 0 | | 30OCT01* |
| **PP100LM2 - Transmit Annual Work Plan to OCRWM** | | | | | |
| Detail Activities (PSS) | | | | | |
| PP100LM2 | Transmit Annual Work Plan to OCRWM | 2 | 0 | | 30OCT96* |
| **WBS Coordination & Planning** | | | | | |
| **IN120K - KENROB Information Management** | | | | | |
| Detail Activities (PSS) | | | | | |
| IN120K | KENROB Information Management | 2 | 1,675* | 02OCT95 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| BMIS111 | Information Management (KENROB) - FY97 | 3 | 251 | 01OCT96* | 30SEP97 |
| BMIS112 | Information Management (KENROB) - FY98 | 3 | 251 | 01OCT97 | 30SEP98 |
| BMIS113 | Information Management (KENROB) - FY99 | 3 | 251 | 01OCT98 | 30SEP99 |
| BMIS114 | Information Management (KENROB) - FY00 | 3 | 251 | 01OCT99 | 29SEP00 |
| BMIS115 | Information Management (KENROB) - FY01 | 3 | 250 | 02OCT00 | 28SEP01 |
| BMIS116 | Information Management (KENROB) - FY02 | 3 | 102 | 01OCT01 | 28FEB02 |
| **IN07X - Field Operations Center General Support** | | | | | |
| Detail LRP/IPS | | | | | |
| SCIN07X2 | Test Facilities (FY98) | 3 | 251 | 01OCT97 | 30SEP98 |
| **IN120K - KENROB Information Management** | | | | | |
| Detail LRP/IPS | | | | | |
| BMIS112A | Info. Mgmt. M&O Support (KENROB) - FY98 | 3 | 251 | 01OCT97 | 30SEP98 |
| BMIS113A | Info. Mgmt. M&O Support (KENROB) - FY99 | 3 | 251 | 01OCT98 | 30SEP99 |
| BMIS114A | Info. Mgmt. M&O Support (KENROB) - FY00 | 3 | 251 | 01OCT99 | 29SEP00 |
| BMIS115A | Info. Mgmt. M&O Support (KENROB) - FY01 | 3 | 250 | 02OCT00 | 28SEP01 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

Early
Progress Bar
Critical Activity

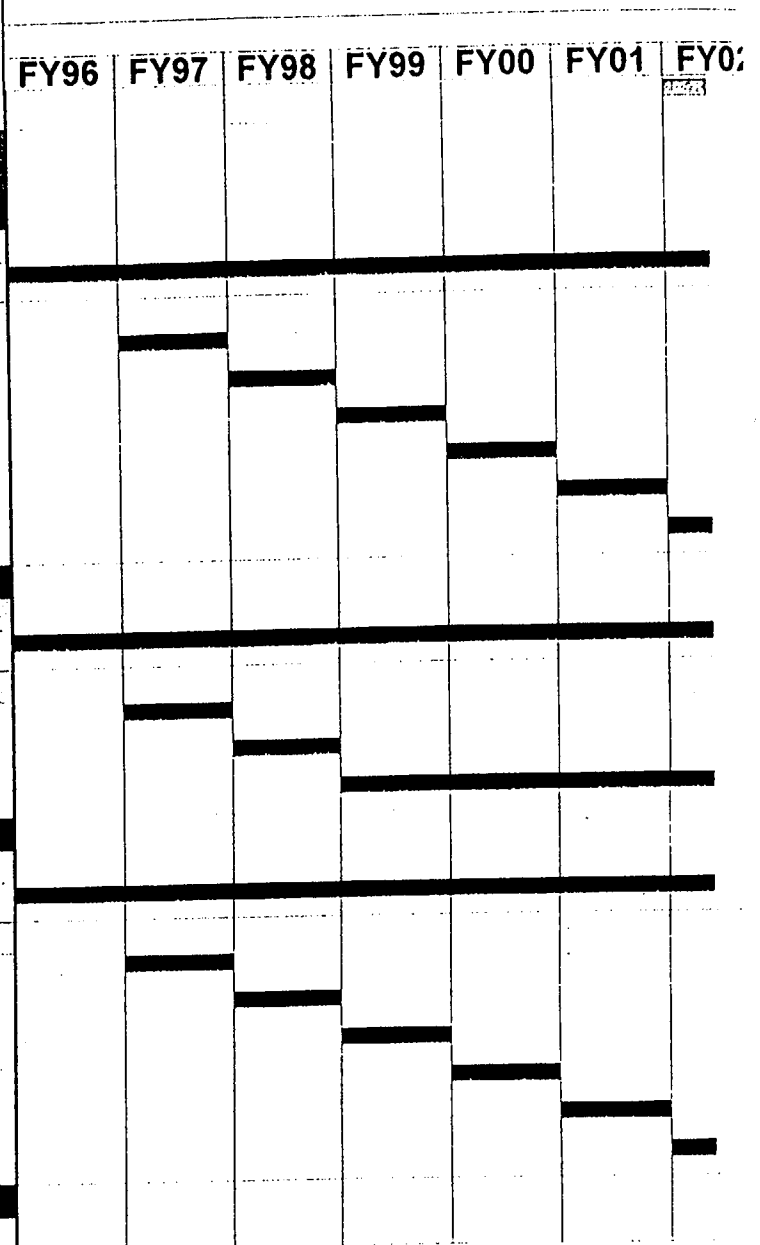
CON2

YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS
Date Revision Checked Apr

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| BMIS116A | Info. Mgmt. M&O Support (KENROB) - FY02 | 3 | 102 | 01OCT01 | 28FEB02 |
| **Programmatic** | | | | | |
| **DOE Set Asides** | | | | | |
| **PG004 - F&TA ; AUG** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PG004 | F&TA; AUG | 2 | 1,675* | 02OCT95 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| BMA045 | F&TA AUG -97 | 3 | 251 | 01OCT96 | 30SEP97 |
| BMA040 | F&TA AUG -98 | 3 | 251 | 01OCT97 | 30SEP98 |
| BMA050 | F&TA AUG -99 | 3 | 251 | 01OCT98 | 30SEP99 |
| BMA055 | F&TA AUG -00 | 3 | 251 | 01OCT99 | 29SEP00 |
| BMA060 | F&TA AUG -01 | 3 | 250 | 02OCT00 | 28SEP01 |
| BMA070 | F&TA AUG -02 | 3 | 103 | 01OCT01 | 01MAR02 |
| **PG005 - F&TA ; PETT** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PG005 | F&TA; PETT | 2 | 1,675* | 02OCT95 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| BMA075 | F&TA PETT -97 | 3 | 251 | 01OCT96 | 30SEP97 |
| BMA080 | F&TA PETT -98 | 3 | 251 | 01OCT97 | 30SEP98 |
| BMA085 | F&TA PETT -99+ | 3 | 855 | 01OCT98 | 01MAR02 |
| **PG006 - F&TA ; State of Nevada** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PG006 | F&TA; State of Nevada | 2 | 1,675* | 02OCT95 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| BMA006 | F&TA Nevada -97 | 3 | 251 | 01OCT96 | 30SEP97 |
| BMA010 | F&TA Nevada -98 | 3 | 251 | 01OCT97 | 30SEP98 |
| BMA015 | F&TA Nevada -99 | 3 | 251 | 01OCT98 | 30SEP99 |
| BMA020 | F&TA Nevada -00 | 3 | 251 | 01OCT99 | 29SEP00 |
| BMA025 | F&TA Nevada -01 | 3 | 250 | 02OCT00 | 28SEP01 |
| BMA035 | F&TA Nevada -02 | 3 | 103 | 01OCT01 | 01MAR02 |
| **PG010 - Support Services Contractor** | | | | | |
| **Detail Activities (PSS)** | | | | | |




| | |
|---|---|
| Project Start | 01OCT95 |
| Project Finish | 01MAR02 |
| Data Date | 01OCT95 |
| Plot Date | 17JUL96 |

Early
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Critical Activity

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CON2

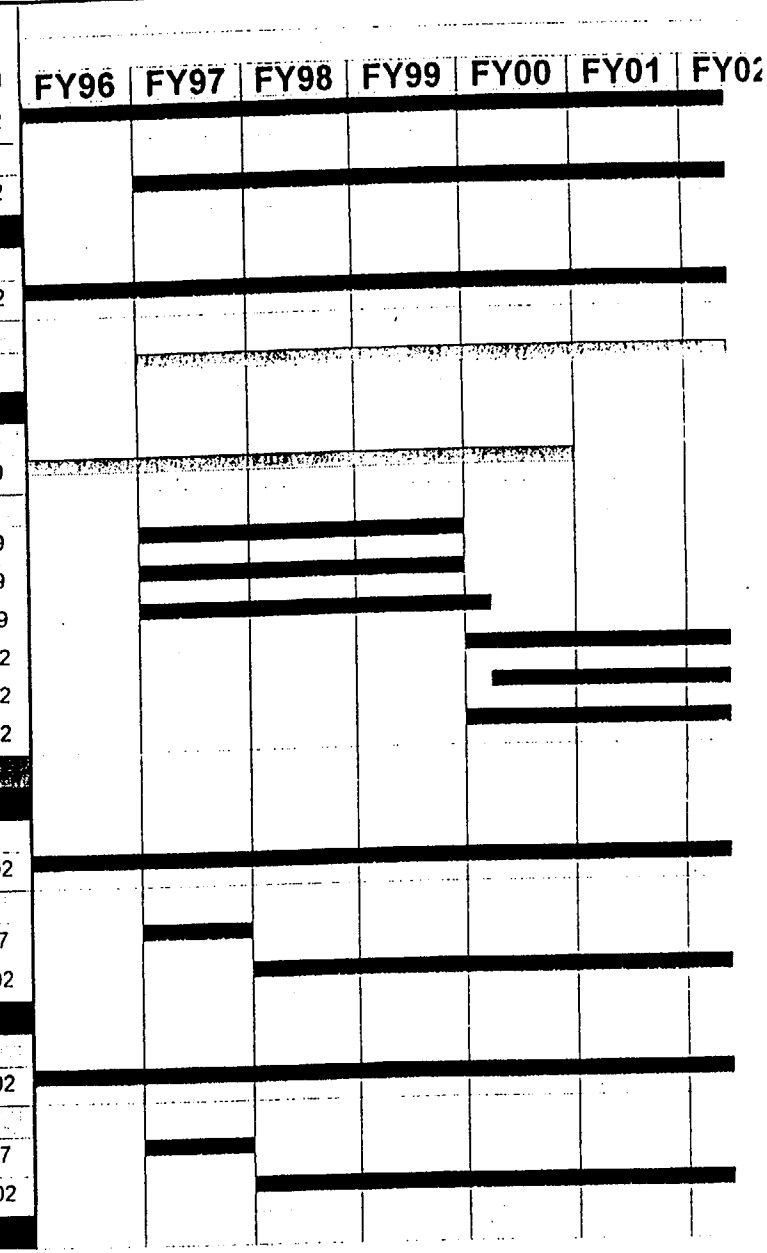
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

| Date | Revision | Checked | Ar |
|---|---|---|---|

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| PG010 | Support Services Contractor | 2 | 1,675* | 02OCT95 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| BMA0101 | Support Services Contractor | 3 | 1,357 | 01OCT96 | 01MAR02 |
| **PG012 - Admin. Support Contractor** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PG012 | Admin. Support Contractor | 2 | 1,675* | 02OCT95 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| SSA012 | Admin Support Contractor | 3 | 1,356 | 01OCT96 | 28FEB02 |
| **PG035 - YMSCO QA** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PG035 | YMP QA | 2 | 1,305 | 02OCT95 | 29SEP00 |
| **Detail LRP/IPS** | | | | | |
| BMG0351 | M&O QA Phase I | 3 | 753 | 01OCT96 | 30SEP99 |
| BMG0355 | YM QATSS Phase I | 3 | 753 | 01OCT96 | 30SEP99 |
| BMG0353 | USGS QA Phase I | 3 | 810 | 01OCT96 | 27DEC99 |
| BMG0352 | M&O QA Phase II | 3 | 604 | 01OCT99 | 01MAR02 |
| BMG0354 | USGS QA Phase II | 3 | 547 | 28DEC99 | 01MAR02 |
| BMG0356 | YM QATSS Phase II | 3 | 604 | 01OCT99 | 01MAR02 |
| **PG014 - M&O Fee** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PG014 | M&O Fee | 2 | 1,675* | 02OCT95 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| BMA00201 | M&O Fee - FY97 | 3 | 251 | 01OCT96 | 30SEP97 |
| BMA00202 | M&O Fee II | 3 | 1,106 | 01OCT97 | 01MAR02 |
| **PG016 - PM&I Scheduled Activities** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PG016 | PM&I Scheduled Activities | 2 | 1,675* | 02OCT95 | 01MAR02 |
| **Detail LRP/IPS** | | | | | |
| BMA0161 | M&O PM&I Support - FY97 | 3 | 251 | 01OCT96 | 30SEP97 |
| BMA0162 | M&O PM&I Support II | 3 | 1,106 | 01OCT97 | 01MAR02 |
| **PG020 - Rent** | | | | | |




| | |
|---|---|
| Project Start | 01OCT95 |
| Project Finish | 01MAR02 |
| Data Date | 01OCT95 |
| Plot Date | 17JUL96 |

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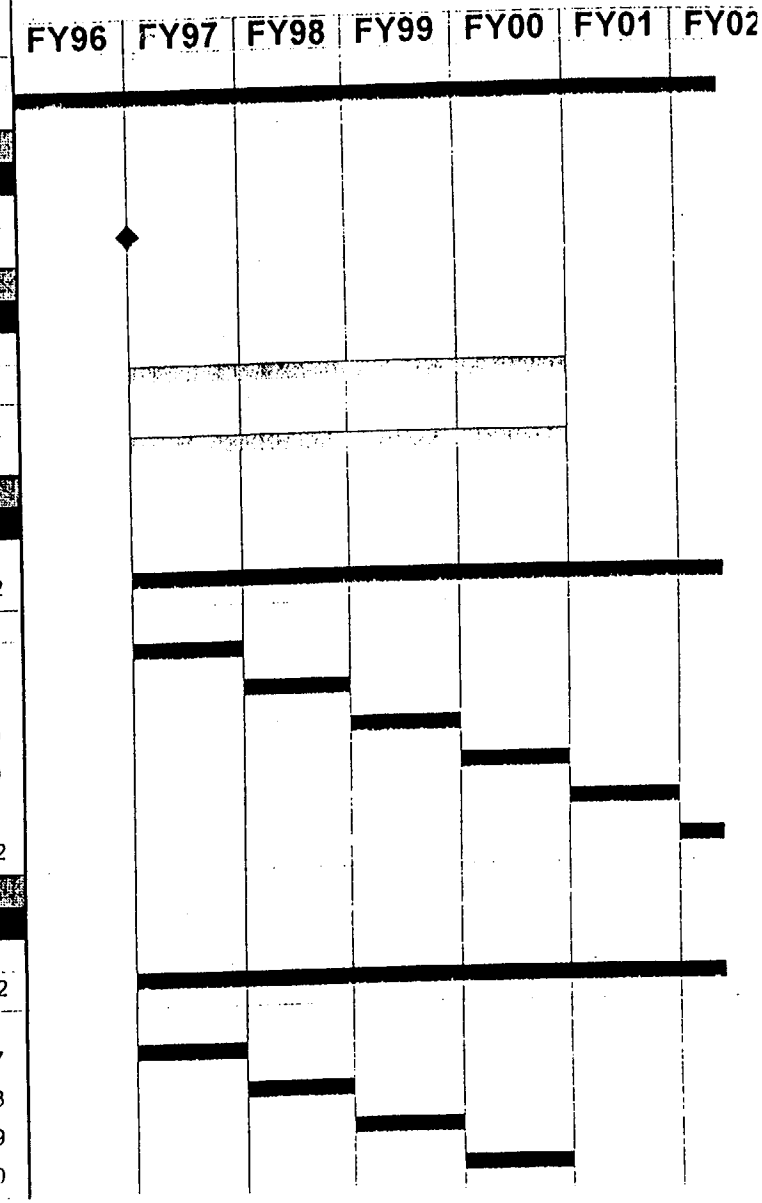
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

Date | Revision | Checked | Ap

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| Detail Activities (PSS) | | | | | |
| PG020 | Rent | 2 | 1,675* | 02OCT95 | 01MAR02 |
| **Infrastructure Sub Logic** | | | | | |
| **PG02 - Programmatic Outyear Start** | | | | | |
| Detail Activities (PSS) | | | | | |
| PG02 | Programmatic Outyear Start | 2 | 0 | 01OCT96* | |
| **General** | | | | | |
| **PG008 - EIS Contractor** | | | | | |
| Detail Activities (PSS) | | | | | |
| PG008 | EIS Contractor | 2 | 1,044* | 01OCT96 | 29SEP00 |
| Detail LRP/IPS | | | | | |
| PG008A | EIS Contractor Performance Period | 3 | 1,004 | 01OCT96* | 29SEP00 |
| **Escalation** | | | | | |
| **PG025 - Escalation Factors** | | | | | |
| Detail Activities (PSS) | | | | | |
| PG025 | Escalation | 2 | 1,414* | 01OCT96 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| BMA0075 | Escalation - 97 | 3 | 251 | 01OCT96 | 30SEP97 |
| BMA0080 | Escalation - 98 | 3 | 251 | 01OCT97 | 30SEP98 |
| BMA0085 | Escalation - 99 | 3 | 251 | 01OCT98 | 30SEP99 |
| BMA0090 | Escalation - 00 | 3 | 251 | 01OCT99 | 29SEP00 |
| BMA0095 | Escalation - 01 | 3 | 250 | 02OCT00 | 28SEP01 |
| BMA0100 | Escalation - 02 | 3 | 103 | 01OCT01 | 01MAR02 |
| **Mgmt Reserve** | | | | | |
| **PG002 - Mgmt Reserve (.3)** | | | | | |
| Detail Activities (PSS) | | | | | |
| PG002 | Mgmt Reserve (.3) | 2 | 1,414* | 01OCT96 | 01MAR02 |
| Detail LRP/IPS | | | | | |
| BMA0045 | Management Reserve - 97 | 3 | 251 | 01OCT96 | 30SEP97 |
| BMA0050 | Management Reserve - 98 | 3 | 251 | 01OCT97 | 30SEP98 |
| BMA0055 | Management Reserve - 99 | 3 | 251 | 01OCT98 | 30SEP99 |
| BMA0060 | Management Reserve - 00 | 3 | 251 | 01OCT99 | 29SEP00 |




| | |
|---|---|
| Project Start | 01OCT95 |
| Project Finish | 01MAR02 |
| Data Date | 01OCT95 |
| Plot Date | 17JUL96 |

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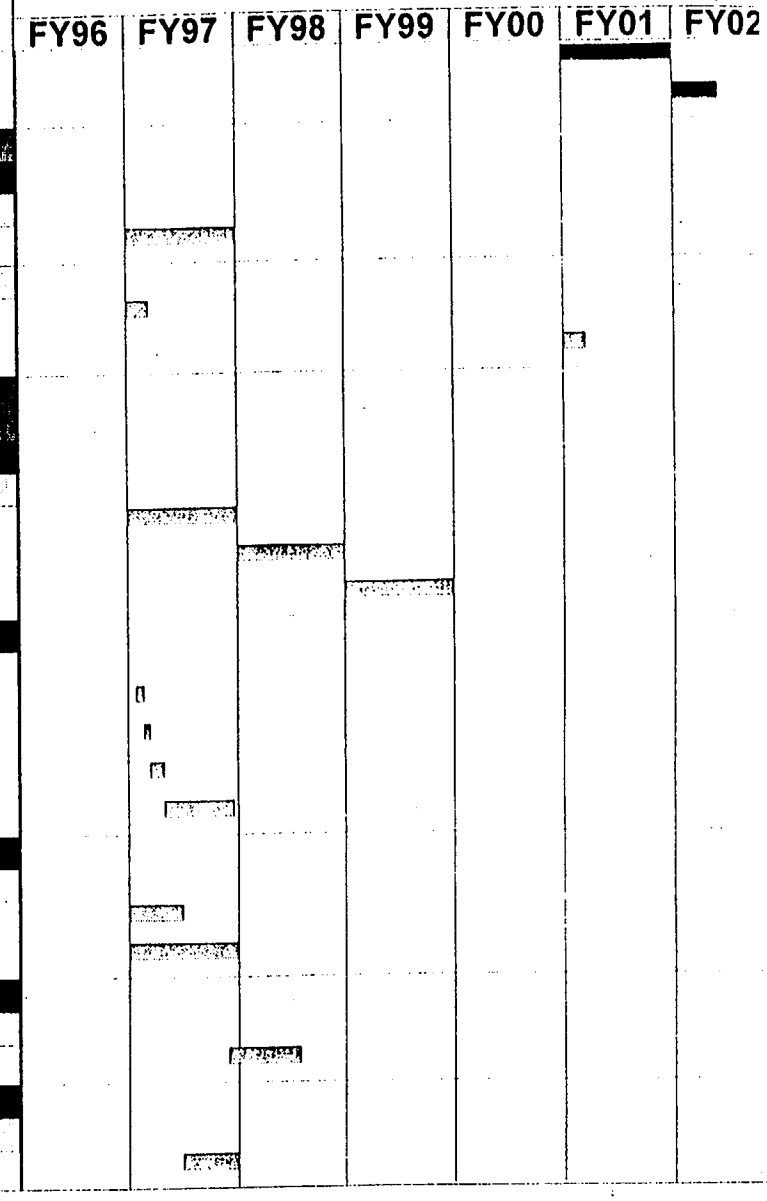
YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

Date | Revision | Checked | Apr

| Activity ID | Activity Description | SLvl | OD | Early Start | Early Finish |
|---|---|---|---|---|---|
| BMA0065 | Management Reserve - 01 | 3 | 250 | 02OCT00 | 28SEP01 |
| BMA0070 | Management Reserve - 02 | 3 | 103 | 01OCT01 | 01MAR02 |
| **PG021 - Current Lease Scoring** | | | | | |
| **Detail Activities (PSS)** | | | | | |
| PG021 | Lease Scoring | 2 | 260 | 02OCT96* | 30SEP97 |
| **Detail LRP/IPS** | | | | | |
| BMA0030 | Lease Scoring - 97 | 3 | 48 | 01OCT96 | 11DEC96 |
| BMA0035 | Lease Scoring - 01 | 3 | 48 | 02OCT00* | 12DEC00 |
| **IN06X - ESF Construction Support** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SLSE820A | PA Support FY97 DIE Activities | 3 | 251 | 01OCT96 | 30SEP97 |
| SLSE822A | PA Support FY98 DIE Activities | 3 | 251 | 01OCT97 | 30SEP98 |
| SLSE824A | PA Support FY99 DIE Activities | 3 | 251 | 01OCT98 | 30SEP99 |
| **Notice of Proposed 10CFR960 Rule Making** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SLNR1J | NOPR Public Hearings/Comment Period | 3 | 21 | 25OCT96 | 25NOV96 |
| SLNR1J1 | Revise Proposed Rule | 3 | 11 | 26NOV96 | 12DEC96 |
| SLNR1K | Finalize Proposed Rule | 3 | 31 | 13DEC96 | 28JAN97 |
| SLNR1L | NRC Concurrence Review Period | 3 | 165 | 29JAN97 | 22SEP97 |
| **SE085 - MGDS Design System Reqs Anlys - Ph I** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SLSE440A | PA Support to Waste Isolation Study | 3 | 124 | 01OCT96 | 01APR97 |
| SLSE406A | PA Support Requirements Analysis | 3 | 251 | 01OCT96 | 30SEP97 |
| **SE125A - MGDS Design System Reqs Anlys - Ph II** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SLSE506A | PA Support to Seals Study | 3 | 166 | 02SEP97* | 30APR98 |
| **SEOPQ - Perform Criticality/Burnup Credit Study** | | | | | |
| **Detail LRP/IPS** | | | | | |
| SLSE458A | PA Support to Criticality/Burnup Study | 3 | 128 | 01APR97* | 30SEP97 |




Project Start 01OCT95
Project Finish 01MAR02
Data Date 01OCT95
Plot Date 17JUL96

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Critical Activity

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CON2

YUCCA MOUNTAIN PROJECT PLAN
FY97-FY02 SCHEDULE-
PSS REV2 (LEVEL 2 & 3 ACTIVITIES)



6/11/96 ON 7/17/96 @ 1655 HRS

Date | Revision | Checked | Appr

**MARSHALL WEAVER**
**INTEGRATED PLANNING**

# Long Range Plan/Integrated Project Schedule
# Activity Description and Supporting Information

**PSS ID No:** ST27A
**PSS Title:** Near Field Environment Confirmatory Testing
**LRP Activity ID No:** SP194A3
**LRP Activity Title:** Procure Hardware for Thermal Tests

**WBS Number:** 1.2.3.14.2 **Level:** 5 **Element No:** 3E2
**Work Category:**
**Early Start Date:** 10/01/96
**Early Finish Date:** 02/28/97

**Scope of Work:**

This activity procures the hardware and material and services required for the in situ thermal tests. Procurement for thermal test started in April, 1996. All material needed for the single heater test will be procured in FY96, before the start of the heat up cycle in August, 1996. Orders for some of the long lead items for the drift scale test will be placed in FY96. Remaining items for the drift scale test will be procured in FY97.

For the drift scale test procurement will include but not be limited to approximately eight (8) waste package size floor heaters, approximately sixty (60) 10 meter long wing heaters, approximately 3000 thermocouples/RTDs, Scamist system for ten(10) holes, One ERT System, One Neutron Logging System, approximately 20 MPBXs, approximately 150 Humicaps, 10,000 Channel Data Acquisition System, loading frame for plate loading test, pressure transducers, high temperature packers, video camera, calibration services, lab testing and other services and other miscellaneous items.

**Deliverables/Products:**
A list of items procured in FY97 for the drift scale test will be prepared and submitted by 9/30/97.

**Assumptions:**

**RESOURCES**

**Duration (Work Days):** 102 **Method Used:** ☒ Daily FTEs ☐ Total FTEs

| FTEs | Coord/Plng Rate | High Rate | Medium Rate | Low Rate |
|---|---|---|---|---|
| Construction | 0 | 0 | 0 | 0 |
| Technical/ Management | 0 | 0 | 0.4 | 0 |
| Administrative/ Support | 0 | 0 | 0 | 0 |

2

**Subcontracted Work ($K):** 75
**Capital Procurements ($K):** 2005
**Other Direct Costs ($K):** 20
**Total Cost ($K):** 2119

**Estimating Rationale:**
Thermocouples/RTD's estimated @ $100/unit, floor heaters @ $25,000/unit, wing heaters @ $4000/unit, humicaps @$1200/unit

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**RISK ASSESSMENT**

**Additional Work Days:**
**Additional Funds ($K):**
**Assessment Rationale:**

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**Author:** Robin Datta
**Functional Manager:** Robin Datta
**Functional Organization:** SPO

# Long Range Plan/Integrated Project Schedule
# Activity Description and Supporting Information

**PSS ID No:** RP020
**PSS Title:** Surface Design - Phase I
**LRP Activity ID No:** FIRP2407
**LRP Activity Title:** Develop Alternatives Data for NEPA - Ph.I

---

**WBS Number:** 1.2.4 **Level:** 3 **Element No:** 4
**Work Category:**
**Early Start Date:** 01/02/97
**Early Finish Date:** 09/30/97

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**Scope of Work:**

Assemble or prepare engineering files that summarize the existing design documentation that is relevant to the preparation of an EIS. This includes design descriptions needed to prepare the DOPAA, and a reference design roadmap which shows why the reference design approach was selected. The EIS would also need data on opposing views (i.e., alternate theories that would have led to a different design), however no such views have been identified in the surface design area. These engineering files will be provided by 04/30/97.

Develop design data for NEPA including: staffing, wastes, emissions and resources for operations and construction; land use; and consequences for off-normal events. This data will be provided for a reference design and bounding alternatives identified in the NOI. The alternatives data will be presented in terms of differences from the reference design.

**Deliverables/Products:**

A letter report to NEPA providing or identifying the location of the engineering files for the NEPA surface design data.

A letter report to NEPA providing or identifying the location of the environmental surface design data for the bounding alternatives, and the basis used to develop this data.

**Assumptions:**

Predecessors:

The ACD report provides design descriptions for the non-nuclear facilities.

EIRP2402B - UCF Receipt and Handling Analysis - RSD Ph. I
Provides design descriptions for the non-nuclear facilities.

EIRP2402C - Operations/Staffing Analysis - RSD Ph. I
Provides operating staffing data.

EISE310A - DBA/DBE Definition & Analysis
Provides a definition of off-normal events.

Concurrent Interfacing Activities:

A

EIRP2404 - Cost Estimating - RSD Ph. I
Provides construction resources and staffing data.

EIRP2403A, B, C, G, H & I - Phase I surface design activities
Provides updated design data.

Successors:

NE1040 - First Draft of DOPAA
Needs DOPAA input data

EIRP2407M3 - Provide Alternatives Data for NEPA - RSD Ph. I
Needs NEPA data for alternatives.

---

**RESOURCES**

**Duration (Work Days):** 190 **Method Used:** ☐ Daily FTEs ☒ Total FTEs

| FTEs | Coord/Plng Rate | High Rate | Medium Rate | Low Rate |
|---|---|---|---|---|
| **Construction** | 0 | 0 | 0 | 0 |
| **Technical/ Management** | 0 | 0.2 | 0.38 | 0 |
| **Administrative/ Support** | 0 | 0 | 0 | 0 |

**Subcontracted Work ($K):** 0
**Capital Procurements ($K):** 0
**Other Direct Costs ($K):** 13
**Total Cost ($K):** 98

**Estimating Rationale:**

The basis of estimate for ODCs, design product hours and product quantities are described in LRP Activity ID No. EIRP2401, Management and Integration. Specific product types and quantities estimated for this activity are as follows:

System Descriptions = 1
Design Analyses = 6

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**RISK ASSESSMENT**

**Additional Work Days:**
**Additional Funds ($K):**
**Assessment Rationale:**

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**Author:** Steven Meyers
**Functional Manager:** Larry Olguin
**Functional Organization:** MGDS

# Long Range Plan/Integrated Project Schedule
# Activity Description and Supporting Information

**PSS ID No:** SE306
**PSS Title:** Complete Chapter 11 PISA
**LRP Activity ID No:** EISE306A
**LRP Activity Title:** Write PISA Ch 11 - Conduct of Operation

**WBS Number:** 1.2.1 **Level:** 3 **Element No:** 1
**Work Category:**
**Early Start Date:** 10/01/97
**Early Finish Date:** 04/03/98

**Scope of Work:**

A Conduct of Operations will be developed for Chapter 11 of the Preliminary Integrated Safety Assessment (PISA). This Conduct of Operations will concentrate on the SSCs that have radiological safety significance or have significant radiological safety system interaction. The PISA Conduct of Operations will include the appropriate information from the Conduct of Operations developed for Bin 2 and 3 SSCs (see Activities EISE408 and EISE412).

Chapter 11 of the PISA describes the conduct of operations of the repository from initial receipt of waste through repository closure. It also describes waste handling, waste receipt, waste preparation for disposal, waste package transfer to underground emplacement, and waste package retrieval. It also describes concurrent subsurface excavation and development, and system performance evaluation concepts, support operations, and facility maintenance operations. It describes emergency planning and industrial security, and the MGDS permanent closure concept, including decommissioning and the placement of institutional barriers. Finally, it will describe the logistical support required for the conduct of operations. The M&O will (1) baseline the data supporting this activity to facilitate YMSCO identification of information cut-off dates and (2) will submit the information/data/model to the appropriate administrative or technical record archival system (e.g., Technical Database, 3-D Model Warehouse, Reference Information Base, Controlled Design Assumptions Database) as a Level 3 predecessor milestone. For Administrative Records, the First Formal Draft and/or the Final Draft document package will be used, as appropriate.

The development of Chapter 11 will be supported by the Engineering and Field Operations (Ch 11), Environmental Safety and Health (Emergency Planning), and Administration (Industrial Security) organizations of YMSCO. The design engineering organizations and scientific programs will be members of the development team.

Predecessors:
EISE400 MGDS Concept of Operations
Repository ACD "Revised"

Successors:
EISE306AM3 Complete PISA Ch.11 - Conduct of Operations

**Deliverables/Products:**
A report that can be used for direct input into Chapter 11 of the PISA. The report will include the following sections:
11.1 - Waste Handling in Surface Facilities

11.1 1 - Receipt
11.1.2 - Prepartion
11.1.3 - Waste Handling Equipment
11.2 - Underground Waste Handling and Disposal Operations
11.3 - Emergency Planning
11.3.1 - Preliminary Planning
11.3.2 - Emergency Plan
11.4 - Industrial Security
11.4.1 - Preliminary Planning
11.4.2 - Security Plan

**Assumptions:**

1. Support organizations (Repository and EBS Design, Systems Studies, Specialty Engineering, and Peformance Assessment) shall provide their own funding.

2. The SE schedule supports the Level 2 Phase 1, 2, and 3 SRA activities, which include MGDS concept of operations to be developed, leading other activities, functional analyses/requirements analyses, and SSC operations descriptions.

3. The SE LRP is predicated on the following activities being completed in FY 96: SSC Binning identification, FY96 MGDS Concept of Operations, CRD revision, and a new project requirements document which consolidates the MGDS-RD, RDR, EBDRD, and CDA.

4. The cost estimate is based on historical data to develop concept of operation documents.

5. Actual workpower data from FY96 concept of operation activities were used to develop the resource loading.

6. This activity is consistent with the Waste Containment and Isolation Strategy working draft, dated April 1996.

7. The technical/management rates for one FTE per year are: high $205K, medium $115K, and low $60K. The management rate is high and the technical rates are medium and low.
8. The composite rate for the Requirements Department is $95K per FTE per year which is based on actual labor costs.

9. The technical labor cost estimates and resource estimates shall be based on a $95K composite rate. This $95K composite rate equates to a ratio of 7/11ths (0.63636) of an FTE at a medium rate and 4/11ths (0.36364) of an FTE at a low rate.

**RESOURCES**

**Duration (Work Days):** 126 **Method Used:** ☐ Daily FTEs ☒ Total FTEs

| FTEs | Coord/Plng Rate | High Rate | Medium Rate | Low Rate |
|---|---|---|---|---|
| Construction | 0 | 0 | 0 | 0 |
| Technical/ Management | 0 | 0 | 0.32 | 0.18 |

7

| | | | | |
|---|---|---|---|---|
| **Administrative/ Support** | 0 | 0 | 0 | 0 |

**Subcontracted Work ($K):** 0
**Capital Procurements ($K):** 0
**Other Direct Costs ($K):** 0
**Total Cost ($K):** 48

**Estimating Rationale:**

TASK RESOURCE ESTIMATE:

The Conduct of Operations for Chapter 11 of the PISA activity is very similar to the FY96 concept of operations activities. The budgeted workpower data from these activities are 6.0 staff months from Apr 96 to Sep 96 or an average of 1.0 staff/month. This FY96 activity develops the concept of operations at the system level such that further operations descriptions can be developed. The Conduct of Operations for development is the follow on to this FY96 activity. The results of this activity will be documented in a report that can be used for direct input into Chapter 11 of the PISA.

Based on the similarity of the the above activities and engineering judgment, approximately 1.0 FTE is projected to complete and finalize the Conduct of Operations. The operations desciptions in detail will be provided by the design organizations. The necessary effort for the Conduct of Operations is to compile the input from design and develop the overall Conduct of Operations description. The current resource loading for the system MGDS concept of operations for April 96 to Sep 96 is 1.0 staff/month. Based on engineering judgement, 1.0 staff/month should be sufficient for this activity. This determination is based on the similar concept of operations activities. The period of this performance is 6 months. The total technical support is 6 staff months or 0.5 FTEs/year.

Per the above assumptions, the total FTEs and yearly FTEs for this activity must be in a ratio of 7/11ths (0.63636) at a medium rate and 4/11ths (0.36364) at a low rate to obtain the $95K composite rate. Therefore the above summary table by rate is calculated below.

Summary of FTEs

| | FTEs | Rate |
|---|---|---|
| PISA Ch. 11 - Conduct of Operations | 0.32 | Medium |
| PISA Ch. 11 - Conduct of Operations | 0.18 | Low |
| TOTAL | 0.5 | |

**RISK ASSESSMENT**

**Additional Work Days:**
**Additional Funds ($K):**
**Assessment Rationale:**

**Author:** C. Barry Thom
**Functional Manager:** Thomas C. Geer
**Functional Organization:** SE

B

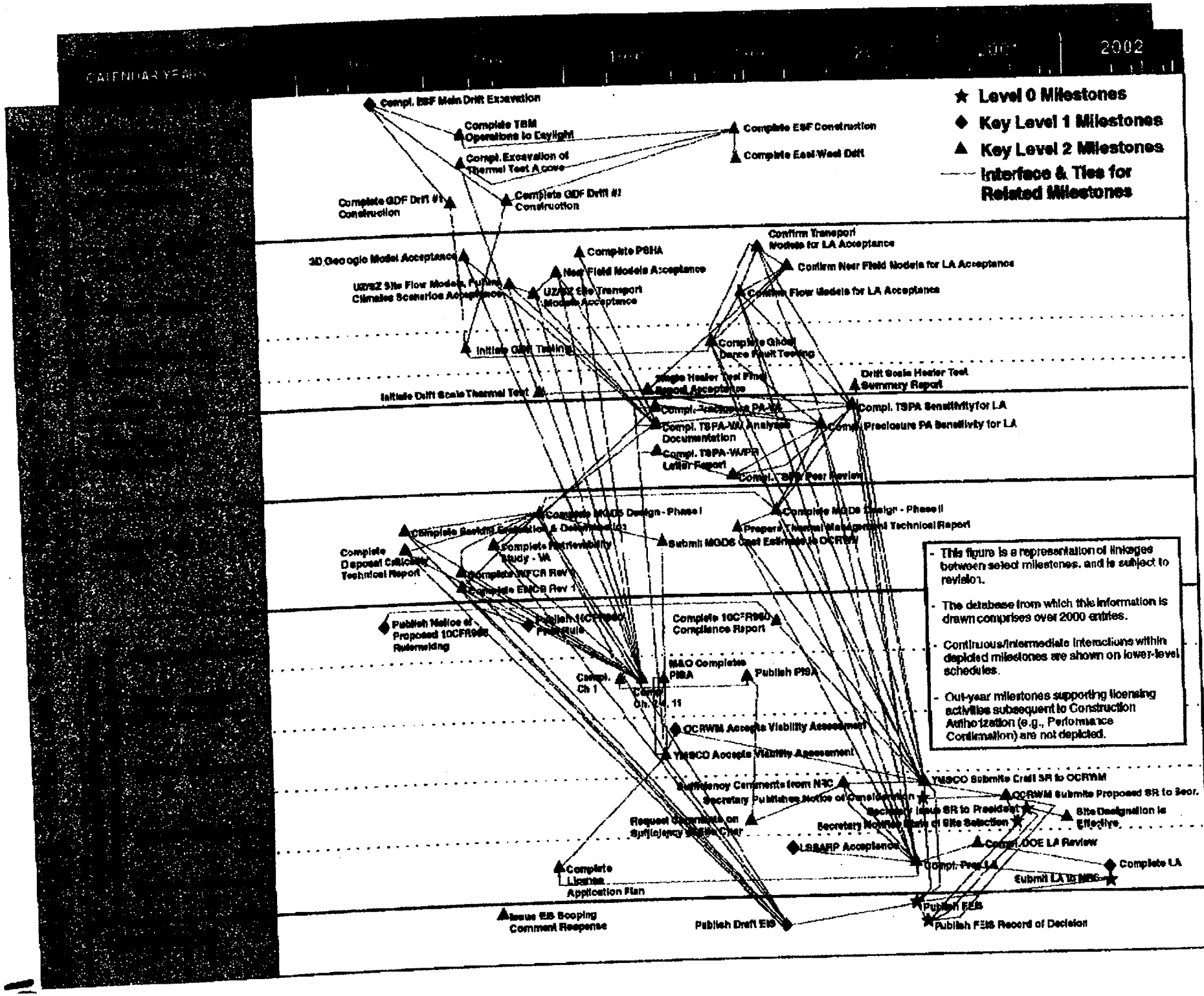
# - SCHEDULE HIERARCHY -

OCRWM PROGRAM PLAN

YMSCO PROJECT SUMMARY SCHEDULE

YMSCO LONG RANGE PLAN

YMSCO FY 1997 ANNUAL PLAN


CALENDAR YEARS
2002
Level 0 Milestones
Key Level 1 Milestones
Key Level 2 Milestones
Interface & Ties for Related Milestones
Compl. ESF Main Drift Excavation
Complete TBM Operations to Daylight
Compl. Excavation of Thermal Test Alcove
Complete GDF Drift #1 Construction
Complete GDF Drift #2 Construction
Complete ESF Construction
Complete East-West Drift
3D Geologic Model Acceptance
Complete PSHA
Near Field Models Acceptance
UZ/SZ Site Flow Models, Future Climates Scenarios Acceptance
UZ/SZ Site Transport Models Acceptance
Confirm Transport Models for LA Acceptance
Confirm Near Field Models for LA Acceptance
Confirm Flow Models for LA Acceptance
Initiate GDF Testing
Complete Ghost Dance Fault Testing
Initiate Drift Scale Thermal Test
Drift Scale Heater Test Summary Report
Compl. TSPA Sensitivity for LA
Compl. Preclosure PA Sensitivity for LA
Compl. TSPA-WI Analysis Documentation
Compl. TSPA-WI/PR Letter Report
Complete MGDS Design - Phase I
Complete MGDS Design - Phase II
Prepare Thermal Management Technical Report
Submit MGDS Cost Estimate to OCRWM
Complete Disposal Criticality Technical Report
Complete Retrievability Study - WI
Complete 10CFR Rev 1
Complete EIS/CR Rev 1
Publish Notice of Proposed 10CFR960 Rulemaking
Publish 10CFR960 Proposed Rule
Complete 10CFR960 Compliance Report
MAO Complete PIBA
Publish PISA
Compl. Ch 1
Compl. Ch. 2-4, 11
OCRWM Accepts Viability Assessment
YMSCO Accepts Viability Assessment
Sufficiency Comments from NRC
Secretary Publishes Notice of Consideration
Request Comments on Sufficiency Status Chart
YMSCO Submits Draft SR to OCRWM
OCRWM Submits Proposed SR to Secr.
Secretary Issues SR to President
Secretary Notifies Sites of Site Selection
Site Designation is Effective
LSBARP Acceptance
Compl. DOE LA Review
Compl. Proj LA
Complete LA
Submit LA to NRC
Complete Licensing Application Plan
Issue EIS Scoping Comment Response
Publish Draft EIS
Publish FEIS
Publish FEIS Record of Decision
This figure is a representation of linkages between select milestones, and is subject to revision.
The database from which this information is drawn comprises over 2000 entries.
Continuous/intermediate interactions within depicted milestones are shown on lower-level schedules.
Out-year milestones supporting licensing activities subsequent to Construction Authorization (e.g., Performance Confirmation) are not depicted.
MLECH1.CDR.12977-30.DF

**JEAN YOUNKER**
**WASTE ISOLATION AND CONTAINMENT STRATEGY; REGULATORY**

**NONE**

**BOB ANDREWS**
**PERFORMANCE ASSESSMENT**

**NONE**

# Project Strategy to Streamline and Focus

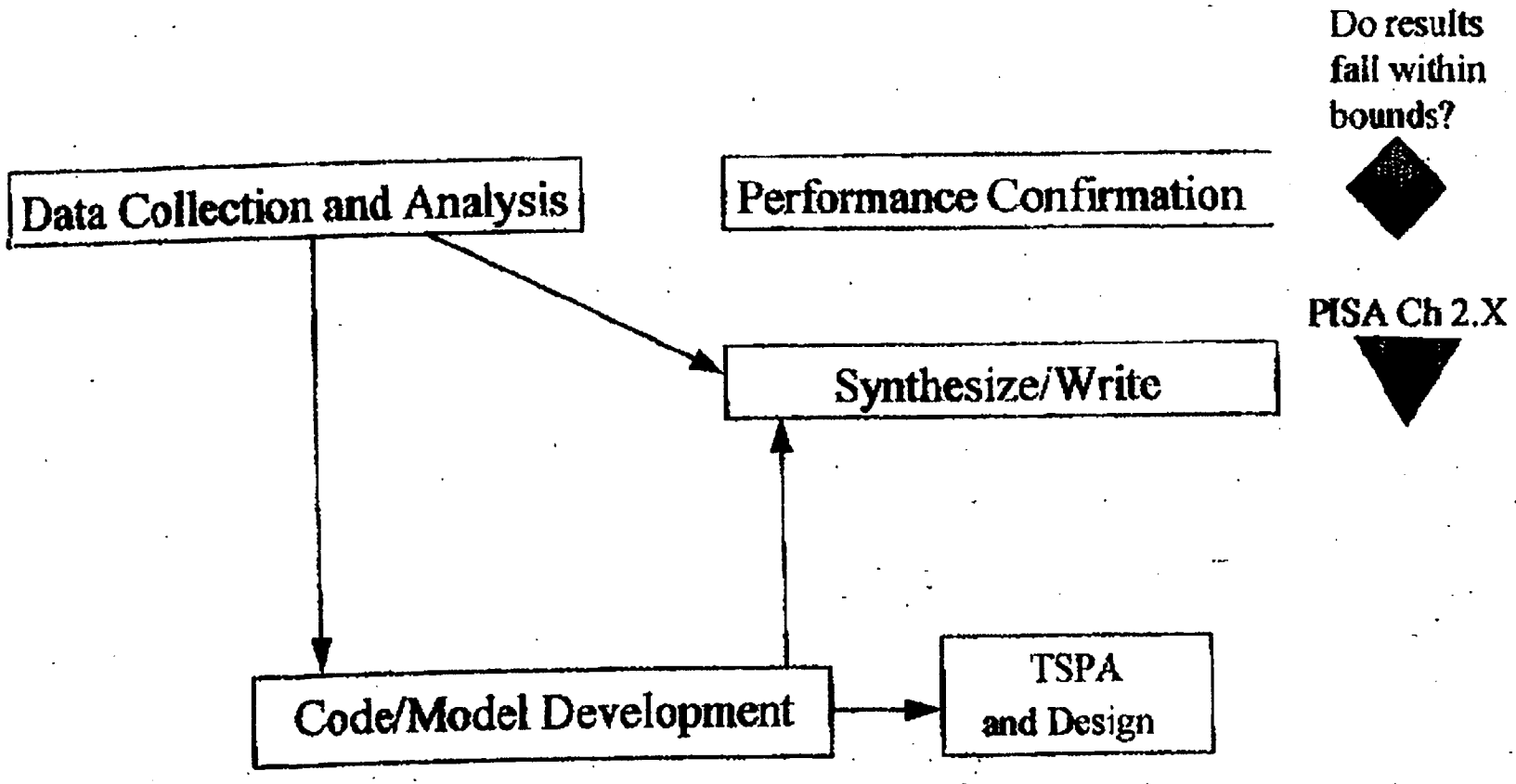
- Tied revisions of process models to key decision points
- Emphasize data synthesis and documentation of what we've learned to date
- Conduct a smaller, better focused data collection program
- Compile single, common data set
- Use Project Integrated Safety Assessment as a management tool



A M S L Fax:702-794-1350 Aug 15 '96 7:49 P.15

19

# Site Investigations Activity Structure

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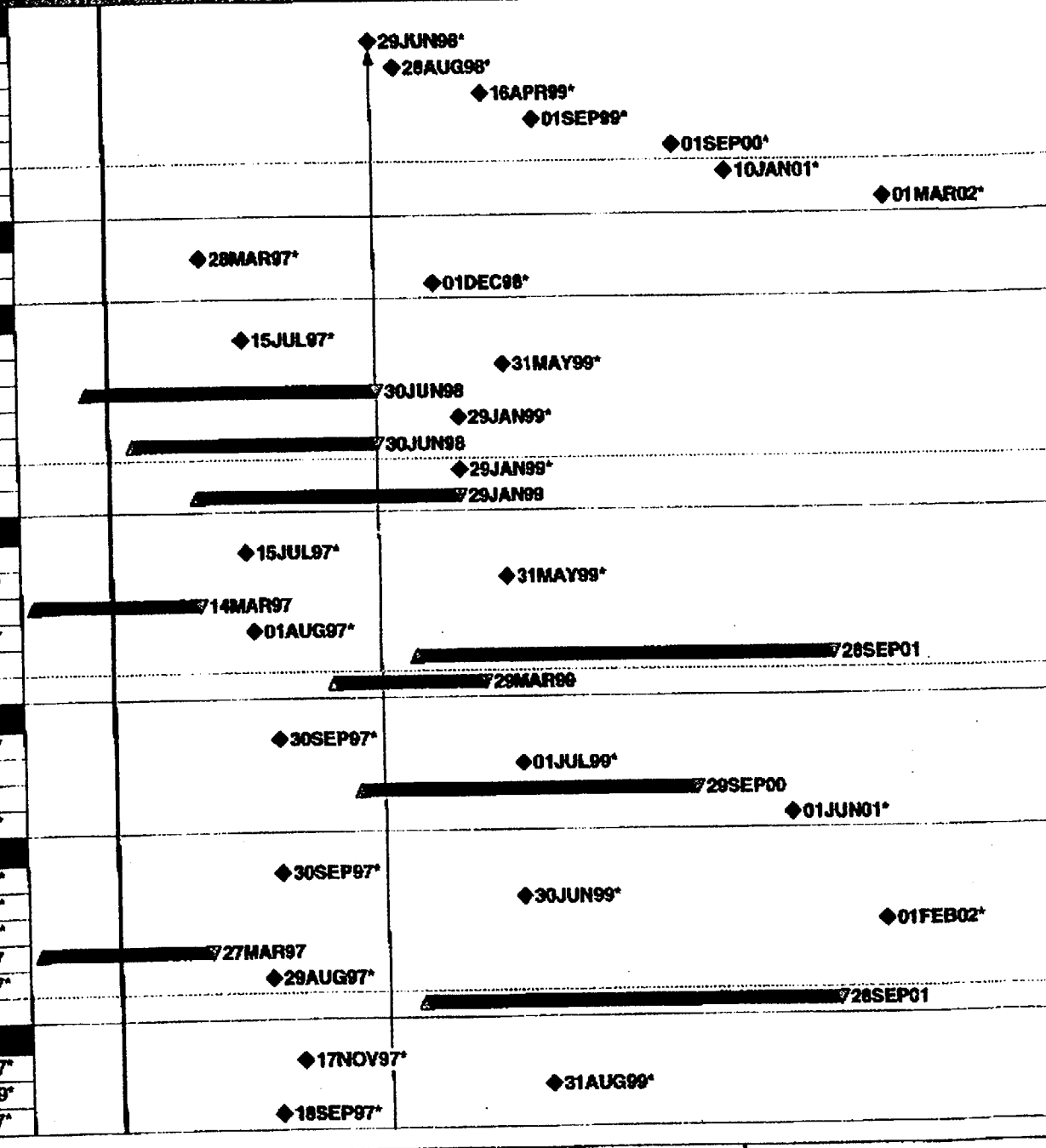
| | | | |
|---|---|---|---|
| **Key Milestones** | | | |
| Complete PISA 2 | M1 | | 29JUN98* |
| Viability Assessment | M1 | | 28AUG98* |
| NRC Sufficency Comments | M1 | | 16APR99* |
| DEIS | M1 | | 01SEP99* |
| Complete License Application | M1 | | 01SEP00* |
| Approve Final LA | M1 | | 10JAN01* |
| Submit LA | M1 | | 01MAR02* |
| **3-D Framework Model** | | | |
| 3-D Framework Mod for VA | M2 | | 28MAR97* |
| 3-D Framework Mod for Confirm LA | M2 | | 01DEC98* |
| **UZ Flow Model** | | | |
| UZ Site Flow Model for VA | M2 | | 15JUL97* |
| UZ Site Flow Model for Confirm LA | M2 | | 31MAY99* |
| North GDF Drilling & Testing | | 01JUN96A | 30JUN98 |
| North GDF Report | M3 | | 29JAN99* |
| South GDF Drilling & Testing | | 01OCT96* | 30JUN98 |
| South GDF Report | M3 | | 29JAN99* |
| ESF Percolation Flux Drilling & Testing | | 14MAR97* | 29JAN99 |
| **SZ Flow Model** | | | |
| SZ Site Flow Model for VA | M2 | | 15JUL97* |
| SZ Site Flow Model for Confirm LA | M2 | | 31MAY99* |
| C-Wells Tests | | 01JAN96A | 14MAR97 |
| C-Wells Report | M3 | | 01AUG97* |
| 2nd SZ Flow & Transport Site | | 01OCT96* | 28SEP01 |
| Paleodischarge Site Investigations | | 02MAR98* | 29MAR99 |
| **UZ Transport Model** | | | |
| UZ Site Transport Model for VA | M2 | | 30SEP97* |
| UZ Site Transport Model for Confirm LA | M2 | | 01JUL99* |
| In-Situ UZ Transport Test | | 01MAY98* | 29SEP00 |
| In-Situ UZ Transport Test Report | M3 | | 01JUN01* |
| **SZ Transport Model** | | | |
| SZ Site Transport Model for VA | M2 | | 30SEP97* |
| SZ Site Transport Model for Confirm LA | M2 | | 30JUN99* |
| SZ Site Transport Model Update Confirm | M2 | | 01FEB02* |
| C-Wells Tests | | 01JAN96A | 27MAR97 |
| C-Wells Report | M3 | | 29AUG97* |
| 2nd SZ Flow & Transport Site | | 01OCT96* | 28SEP01 |
| **Near Field Environment Model/Rpt** | | | |
| Near Field Model for VA | M2 | | 17NOV97* |
| Near Field Model for Confirm LA | M2 | | 31AUG99* |
| Vol.1 NFE Report Rev-1 | M3 | | 18SEP97* |




Project Start 19JUL96
Project Finish 29MAR02
Data Date 26JUL96
Plot Date 14AUG96

Early Bar
Progress Bar
Critical Activity

ASP1

Sheet 1 of 2

**Yucca Mountain Site Investigation**
**Master Schedule (AMSP)**
**14 Aug 1996**

AMSL Fax:702-794-1350 Aug 15 96 1:30 P.11

# FAX TRANSMISSION

**To:** Sandy Wastler

**Date:** 8/15

**Fax #:** 301-415-5399

**Pages:** 31 including this cover sheet.

**From:** Tom Biorstedt
Yucca Mountain Site
Characterization Office
(702) 794-1350

**Subject:** Part 2 of viewgraph transmittal

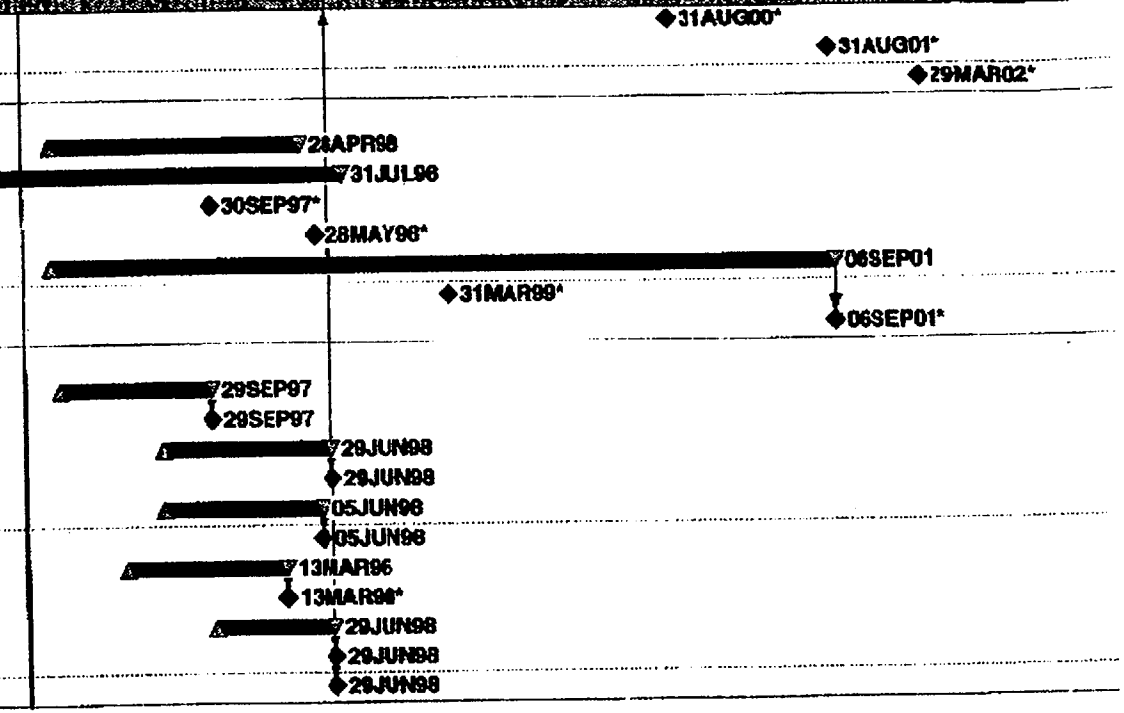
COMMENTS:

~~It jammed~~

Part 2 will come in 2 parts!

Part 2 of 2

| | | | |
|---|---|---|---|
| Vol. 1 & 2 NFE Report Rev-2 | M3 | | 31AUG00* |
| Vol.2 NFE Report Rev-3 | M3 | | 31AUG01* |
| Vol. 1 Rev-3, Vol. 2 Rev-4 NFE Report | M3 | | 29MAR02* |
| **Thermal Testing** | | | |
| Large Block Test | | 01OCT96* | 28APR98 |
| Single Element Heater Test | | 01JUN96A | 31JUL98 |
| Single Element Heater Test Status Rpt. | M3 | | 30SEP97* |
| Single Element Heater Test Status Rpt. LA | M3 | | 28MAY98* |
| Drift-Scale Heater Test | | 01OCT96* | 06SEP01 |
| Drift-Scale Heater Test Status Rpt. LA | M3 | | 31MAR99* |
| Drift-Scale Heater Test Status Rpt. | M3 | | 06SEP01* |
| **Special Studies (PISA Chapters)** | | | |
| Develop PISA Chapter 2.3 (Geologic | | 17OCT96* | 29SEP97 |
| PISA Chapter 2.3 (Geologic Systems) | M3 | | 29SEP97 |
| Develop PISA Chapter 2.4 (Hydrology) | | 09JUN97* | 29JUN98 |
| PISA Chapter 2.4 (Hydrology) | M3 | | 29JUN98 |
| Develop PISA Chapter 2.5 (Geochemistry) | | 09JUN97* | 05JUN98 |
| PISA Chapter 2.5 (Geochemistry) | M3 | | 05JUN98 |
| Develop PISA Chapter 2.6 (Climate) | | 14MAR97* | 13MAR98 |
| PISA Chapter 2.6 (Climate) | M3 | | 13MAR98* |
| Develop PISA Chapter 2.7 (NFE) | | 01OCT97* | 29JUN98 |
| PISA Chapter 2.7 (NFE) | M3 | | 29JUN98 |
| Complete Input to PISA Chapter 2 | M3 | | 29JUN98 |




Project Start 15JUL96
Project Finish 29MAR02
Data Date 30JUL96
Plot Date 14AUG96

Early Bar
Progress Bar
Critical Activity

ASP1

Sheet 2 of 2

**Yucca Mountain Site Investigation**
**Master Schedule (AMSP)**
**14 Aug 1996**

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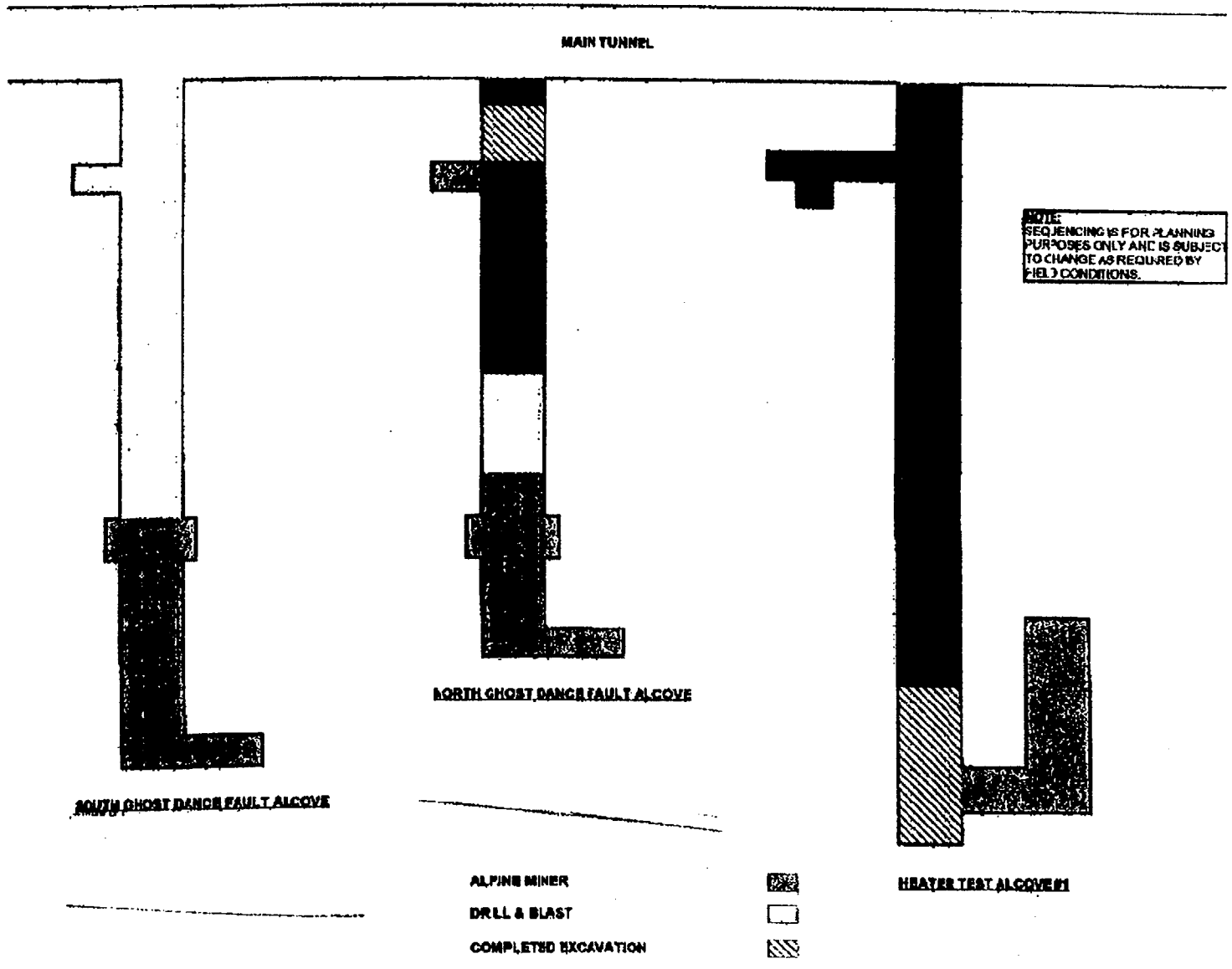
**JIM BEYER**
**EXPLORATORY STUDIES FACILITY**

# EXPLORATORY STUDIES FACILITY
## PROGRAM PLAN vs LONG RANGE PLAN COMPARISON
## KEY MILESTONES

| | 94 PROGRAM PLAN | LRP |
|---|---|---|
| TBM DAYLIGHT | MAY 1997 | MARCH 1997 |
| EXCAVATE THERMAL TEST | | |
| #1 THERMOMECHANICAL ALCOVE | NOVEMBER 1996 | COMPLETE |
| #2 HEATED DRIFT | JULY 1999 | MARCH 1997 |
| EXCAVATE NORTHERN GHOST DANCE FAULT ALCOVE | APRIL 1996 | PHASE 1 - SEPT 96<br>PHASE 2 - FEB 97 |
| EXCAVATE SOUTHERN GHOST DANCE FAULT ALCOVE | SEPTEMBER 1996 | PHASE 1 - JAN 97<br>PHASE 2 - JULY 97 |
| EXCAVATE NORTH RAMP EXTENSION (E-W DRIFT) | SEPTEMBER 1998 | APRIL 1999 |
| CALICO HILLS EXCAVATIONS | FY98 - FY00 | NOT IN LRP |

8/14/96

# ALCOVE EXCAVATION SEQUENCING

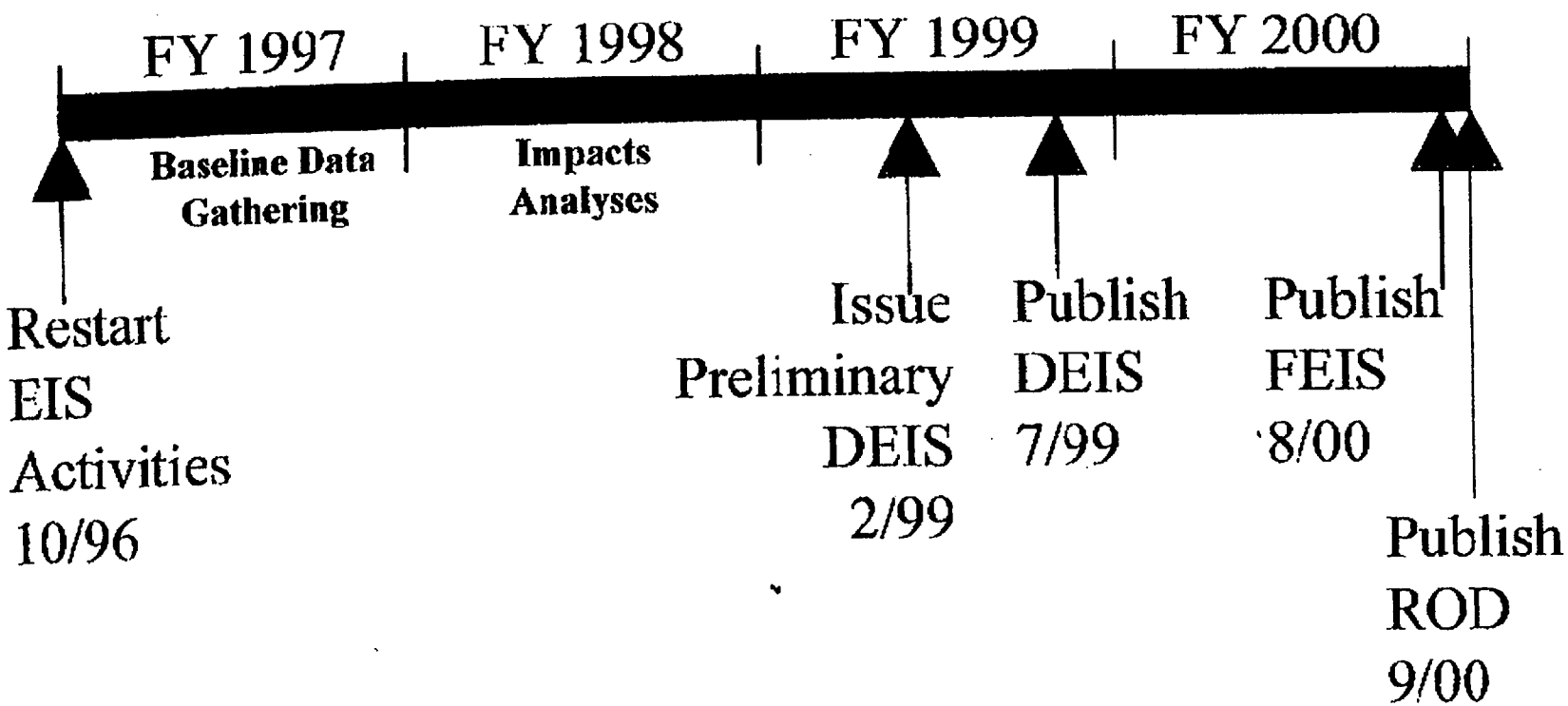


**JACK BAILEY**
**ENGINEERING**

**NONE**

**ED McCANN**
**NEPA**

# EIS Schedule



# Coordination with Nuclear Regulatory Commission

- NWPA requires NRC to adopt the EIS prepared by DOE, to the extent practicable, in connection with issuance of construction authorization and license [Sec. 114(f)(4)]
- DOE will involve NRC early in the EIS development stage
  - Brief NRC on DOE's approach
  - Develop effective DOE/NRC communication with identified points-of-contact
  - Obtain NRC input
  - Address NRC questions, comments, and issues
- NRC will be kept informed and involved throughout the EIS process

IMPACT11.PPT.125,NWTRB/01-10-95

**TOM WOODERSON**
**LICENSING SUPPORT SYSTEM**

25

# LSS Make/Buy Analysis

- Perform an Acquisition Analysis for the Licensing Support System (LSS) in accordance with the DOE developed Acquisition Package (LRP Milestone BMIS182M3)
- Original start date (11/01/96) of this 11 month activity was delayed 3 months to allow DOE to receive new direction from the NRC SMT
- Anticipated changes involve the use of Internet technology such as RIS*web* and potential changes to 10 CFR 2, Subpart J
- LSS Phase 2 Functional Requirements are expected to change commensurate with the new direction



AUG 13 96 07:44 P.11/11

# Records Reprocessing

- Reviewing, screening, reindexing or enhanced indexing and imaging of all DOE Records, applying LSSARP criteria
- Prepare Records Reprocessing Plan (due 10/31/96)
- Establish Operational Records Reprocessing Capability originally scheduled for implementation on 1/31/97 is being delayed by two months because of impending relocation of operations
- Records Reprocessing in operation with 30% completion by 9/30/97 (180,000 records reprocessed)
- 600,000 Record Reprocessed by 4/28/99



Aug 13 96 07:20 P.02/04

# Make/Buy Process

- Establish a set of weighted criteria for evaluation of all prospective LSS solutions
- Perform a market survey of commercially available electronic document management systems and evaluate against the criteria
- Evaluate existing in-house systems against the criteria and develop scores for each application
- Perform an Analysis of Benefits and Costs for the technically acceptable alternative approaches
- Develop a final report containing the results of the analysis and the recommended acquisition strategy

**JIM CLARK**
**QUALITY ASSURANCE**

**NONE**

# *DOE/NRC TECHNICAL EXCHANGE, YMSCO'S LONG RANGE PLAN*

## *August 15, 1996*

Videoconference. YMSCO - Hillshire Atrium Conference Room
NRC - Rockville, MD

9:00 am PST

- Opening Remarks — DOE/NRC
- Orientation - YMSCO Planning Process Overview — Jane Summerson, DOE
- Introduce YMSCO's Planning Support Team and planning leads — Marshall Weaver, PMO
  - Waste Isolation Strategy — Jean Younker, M&O
  - Regulatory — Jean Younker, M&O
  - PA — Bob Andrews, M&O
  - Site — Larry Hayes, M&O
  - ESF — Jim Beyer, M&O
  - Engineering — Jack Bailey, M&O
  - EIS — Ed McCann, M&O
  - LSS — Tom Wooderson, M&O
  - QA — James E. Clark, QATSS
- Closing Remarks — DOE/NRC

1:00 pm ADJOURN

YUCCA
MOUNTAIN
PROJECT

Studies

# YMSCO Planning Process Overview

**Presented to:**
**U.S. Nuclear Regulatory Commission**

**Presented by:**
**Dr. Jane Summerson**
**Planning Coordinator**

**August 15, 1996**

U.S. Department of Energy
Office of Civilian Radioactive
Waste Management

# Topics

- Congressional Redirection
- YMSCO Planning Response
  - Revised Project Strategy
    - Viability Assessment (VA), Site Recommendation (SR), Environmental Impact Statement (EIS), License Application(LA)
  - New Long Range Plan
  - FY 97-98 Annual Detailed Plans

# Congressional Redirection

- FY 1996 funding reduction
- Focus on core science, ESF construction and testing, repository and waste package conceptual designs
- Defer EIS and LA activities

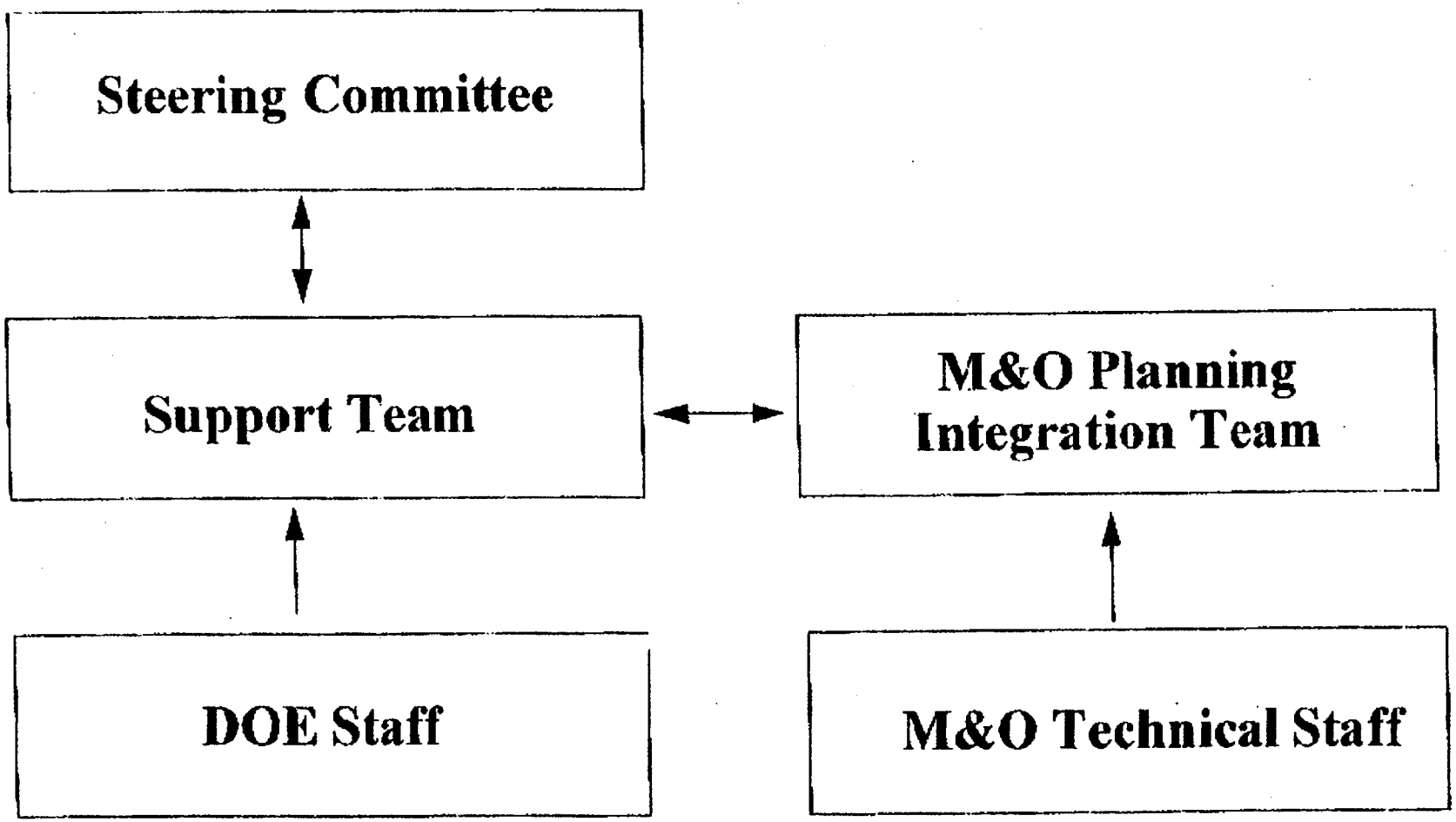


H M S L fax:702-794-1550 Aug 15 '96 7:14 P.04

# Strategic Plan

- Established senior level contingency planning group to answer the question: "When can we be ready to submit a License Application, in order to stay on schedule to start repository operations in FY 2010?"
- Developed several alternative strategic plans
- Eliminated Technical Site Suitability Process

# YMSCO Planning Organizations



# Steering Committee Functions

- Provides direction to the Support Team for implementing the planning process
- Recommends AMs/PM approval of planning packages provided to the M&O
- Approves all Level 2 milestones; nominates Level 0 and 1 milestones
- Resolves conflicts related to implementation of guidance, as requested by the Support Team
- Facilitates communication with the M&O on the planning process

# Planning Support Team Functions

- Acts as agents for the Steering Committee to provide continuous planning guidance
- Integrates the planning process across all program elements
- Prepares draft guidance for approval by the AMs

# Planning Support Team Functions
(continued)

- Facilitates identification and resolution of issues and makes recommendations to the Steering Committee
- Maintains records of all changes to guidance documents
- Coordinates and reviews the M&O Products (detailed supporting schedules and costs) for content and adherence to the planning guidance



H M S L Fax:702-794-3250 Aug 15 96 07:10 P.09

# Steering Committee

- Dr. J. Russell Dyer, Deputy Project Manager
- Susan Rives, YMSCO Chief Counsel
- Susan Jones, AM, Scientific Programs
- Wendy Dixon, AM Environment, Safety, and Health
- Jerri Adams, AM Administration
- Dr. Stephan J. Brocoum, AM, Suitability and Licensing
- Richard Craun, AM, Engineering and Field Operation
- Allen Benson, Director, Office of Public Affairs
- Richard Spence, Director, Yucca Mountain Quality Assurance
- Dr. Michael D. Voegele, M&O Deputy Site Manager, Technical Programs
- R. Glenn Vawter, M&O Deputy Site Manager, Operations
- Dr. Jean Younker, M&O Operations Manager, Technical Assessment Operations
- Richard Snell, M&O Operations Manager, Engineering and Integration
- C.T. Statton, M&O Operations Manager, Scientific Programs
- Dr. Charles F. Metzger, Manager Project Management Organization (PMO)



HMSL Fax:702-794-1350 Aug 13 96 17:17 P.10

# Planning Support Team

- Dr. Jane R. Summerson, YMSCO Planning Coordinator
- Paul Harrington, AMEFO
- Robert Barton, AMSL
- Wayne Kozai, AMA
- Dr. Ralph D. Rogers, (PMO), AMSP
- Michelle Ulick, (M&O), OPA
- Lee Morton, (M&O), AMESH
- Marshall Weaver, M&O
- Mike Cline, PMO
- George Bradshaw, PMO

# Revised Program Plan

- Based on knowledge gained through scientific and engineering design activities to date
- Based on streamlining and focusing both technical and regulatory elements



HMSL FAX:702-794-5501 AUG 15 96 17:17 P.12

# Budget Comparison for YMSCO from Program Plans

| | December 1994 Program Plan (M$) | May 1996 Program Plan Rev.1 (M$) |
|---|---|---|
| 1995 | 375 | - |
| 1996 | 474 | 250 |
| 1997 | 533 | 339 |
| 1998 | 531 | 330 |
| 1999 | 526 | 330 |

# Program Plan - Defines Three Near-Term Objectives

- Update the regulatory framework in 1997
- Complete a viability assessment in 1998
- If appropriate, recommend the repository site to the President in 2001 and submit LA to NRC in 2002

# Update Regulatory Framework

- In 1996, publish Notice of Proposed Rulemaking to amend 10 CFR 960
- In 1997, complete public comment period and publish final rule



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# Complete Viability Assessment

- Repository and waste package designs
- Estimate of the costs to construct and operate a repository using these designs
- Evaluation of the probable performance of the system of natural and engineering barriers (TSPA-VA)
- Plan and cost estimate for additional technical work needed to prepare LA

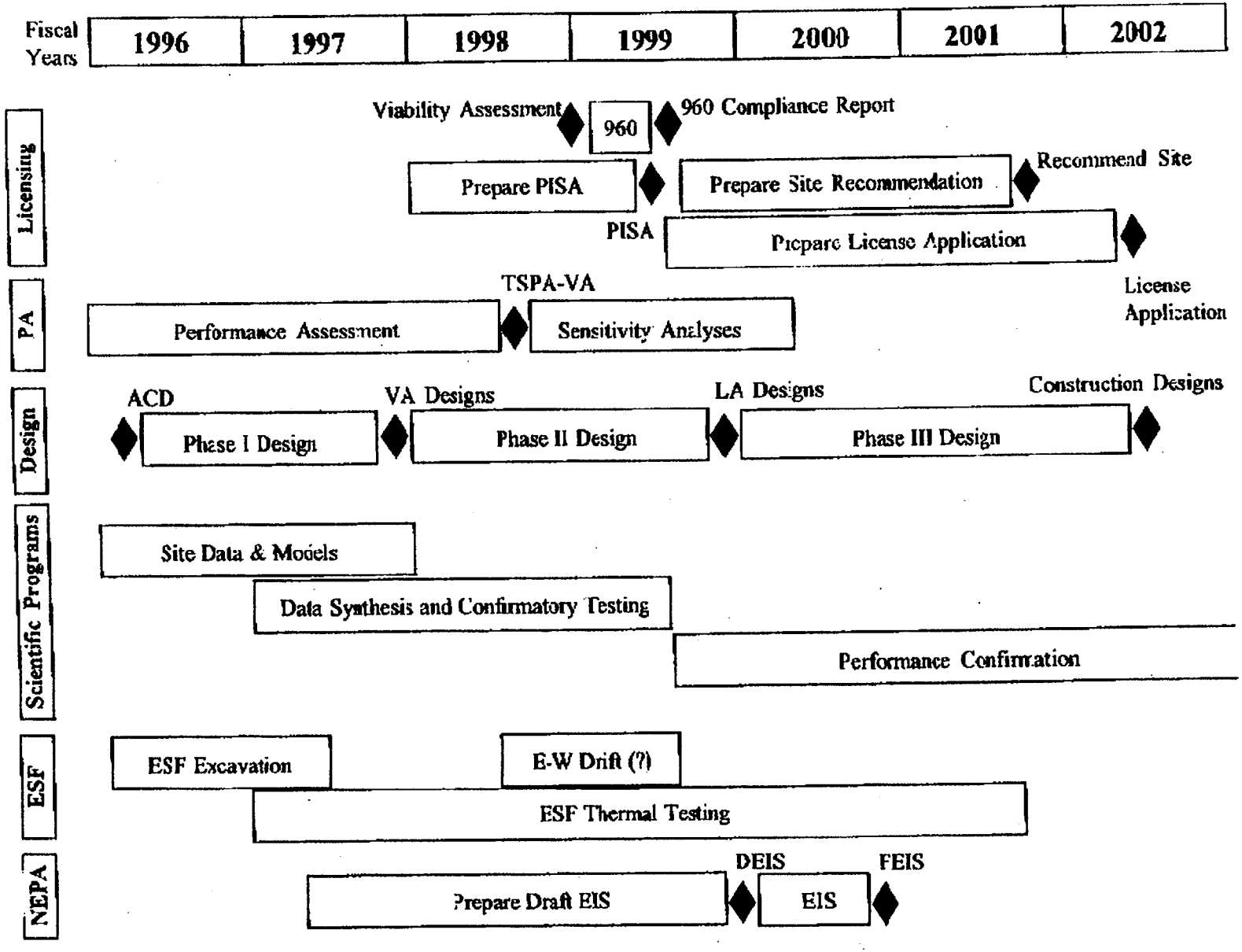
# Site Recommendation/ EIS/License Application

- In 1999 (currently being replanned for 1998) submit a Project Integrated Safety Assessment to the NRC
- In 1999, issue the draft EIS
- In 2000, issue the final EIS
- In 2001, if the site is found suitable, the Secretary will issue a site recommendation to the President
- In 2002, if the site is approved, submit the LA to the NRC

# Long Range Plan

- Define work needed to support VA, SR, EIS, and LA, and key interfaces
- Focus on issues related to preclosure radiological safety
- Focus on issues related to waste containment and isolation

# Baseline Project Summary Schedule



# Annual Planning

- Identify lower level critical activities for VA, SR, EIS, and LA
- Develop integrated schedules
- Develop basis of estimates (BOEs)
- Estimate costs of detailed work scope
- Evaluate programmatic risk
- Iterate the schedule network to match priorities within funding constraints
- Baseline the scope, cost and schedule

# Status

- March 1996: Completed preliminary schedule and logic network (Project Summary Schedule)
- June 1996: Baselined Project Summary Schedule
- June 1996: M&O started detailed planning for scope, schedule, costs
- August 1996: YMSCO will begin acceptance review of detailed plans
- September 1996: Baseline FY 97-98 scope, cost and level 3 deliverables

# BACKUP

# Level 0, 1, 2, and 3 Milestones

- Level 0 milestones are those established by Energy System Acquisition Advisory Board/DOE and documented in the Program Cost and Schedule Baseline. Control for these milestones exists with DOE and changes must be approved by the Energy System Acquisition Advisory Board Change Control Board



H M S L fax:202-394-3200 Aug 15 96 7:21 P.23

# Level 0, 1, 2, and 3 Milestones
(continued)

- Level 1 milestones are baselined in the Program Cost and Schedule Baseline and are maintained by OCRWM
- Level 2 milestones are major events that materially contribute to the completion of a phase of the Yucca Mountain Project or identify the start or completion of critical activities and events on the project. Level 2 milestones are documented in the Yucca Mountain Project Cost and Schedule Baseline

# Level 0, 1, 2, and 3 Milestones
(continued)

- Level 3 milestones are deliverables, defined and approved by the Yucca Mountain Site Characterization Office (YMSCO) Assistant Managers (AMs) or their designees, for which project participants will be held accountable.

# FAX TRANSMISSION

**To:** Sandy Wastler

**Date:** 8/15

**Fax #:** 301-415-5399

**Pages:** 31 including this cover sheet.

**From:** Tom Bierstedt
Yucca Mountain Site
Characterization Office
(702) 794-1350

**Subject:** Part 2 of viewgraph transmittal

**COMMENTS:**

# *DOE/NRC TECHNICAL EXCHANGE, YMSCO'S LONG RANGE PLAN*

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  - LSS — Tom Woodelson, M&O
  - QA — James E. Clark, QATSS
- Closing Remarks — DOE/NRC

1:00 pm ADJOURN

**MARSHALL WEAVER**
**INTEGRATED PLANNING**

# Long Range Plan/Integrated Project Schedule
# Activity Description and Supporting Information

**PSS ID No:** RP020
**PSS Title:** Surface Design - Phase I
**LRP Activity ID No:** EIRP2407
**LRP Activity Title:** Develop Alternatives Data for NEPA - Ph.I

---

**WBS Number:** 1.2.4 **Level:** 3 **Element No:** 4
**Work Category:**
**Early Start Date:** 01/02/97
**Early Finish Date:** 09/30/97

---

**Scope of Work:**

Assemble or prepare engineering files that summarize the existing design documentation that is relevant to the preparation of an EIS. This includes design descriptions needed to prepare the DOPAA, and a reference design roadmap which shows why the reference design approach was selected. The EIS would also need data on opposing views (i.e., alternate theories that would have led to a different design), however no such views have been identified in the surface design area. These engineering files will be provided by 04/30/97.

Develop design data for NEPA including: staffing, wastes, emissions and resources for operations and construction; land use; and consequences for off-normal events. This data will be provided for a reference design and bounding alternatives identified in the NOI. The alternatives data will be presented in terms of differences from the reference design.

**Deliverables/Products:**

A letter report to NEPA providing or identifying the location of the engineering files for the NEPA surface design data.

A letter report to NEPA providing or identifying the location of the environmental surface design data for the bounding alternatives, and the basis used to develop this data.

**Assumptions:**

Predecessors:

The ACD report provides design descriptions for the non-nuclear facilities.

EIRP2402B - UCF Receipt and Handling Analysis - RSD Ph. I
Provides design descriptions for the non-nuclear facilities.

EIRP2402C - Operations/Staffing Analysis - RSD Ph. I
Provides operating staffing data.

EISE310A - DBA/DBE Definition & Analysis
Provides a definition of off-normal events.

Concurrent Interfacing Activities:

A

EIRP2404 - Cost Estimating - RSD Ph. I
Provides construction resources and staffing data.

EIRP2403A, B, C, G, H & I - Phase I surface design activities
Provides updated design data.

Successors:

NE1040 - First Draft of DOPAA
Needs DOPAA input data

EIRP2407M3 - Provide Alternatives Data for NEPA - RSD Ph. I
Needs NEPA data for alternatives.

**RESOURCES**

**Duration (Work Days):** 190 **Method Used:** ☐ Daily FTEs ☒ Total FTEs

| FTEs | Coord/Ping Rate | High Rate | Medium Rate | Low Rate |
|---|---|---|---|---|
| Construction | 0 | 0 | 0 | 0 |
| Technical/ Management | 0 | 0.2 | 0.38 | 0 |
| Administrative/ Support | 0 | 0 | 0 | 0 |

**Subcontracted Work ($K):** 0
**Capital Procurements ($K):** 0
**Other Direct Costs ($K):** 13
**Total Cost ($K):** 98

**Estimating Rationale:**

The basis of estimate for ODCs, design product hours and product quantities are described in LRP Activity ID No. EIRP2401, Management and Integration. Specific product types and quantities estimated for this activity are as follows:

System Descriptions = 1
Design Analyses = 6

**RISK ASSESSMENT**

**Additional Work Days:**
**Additional Funds ($K):**
**Assessment Rationale:**

**Author:** Steven Meyers
**Functional Manager:** Larry Olguin
**Functional Organization:** MGDS

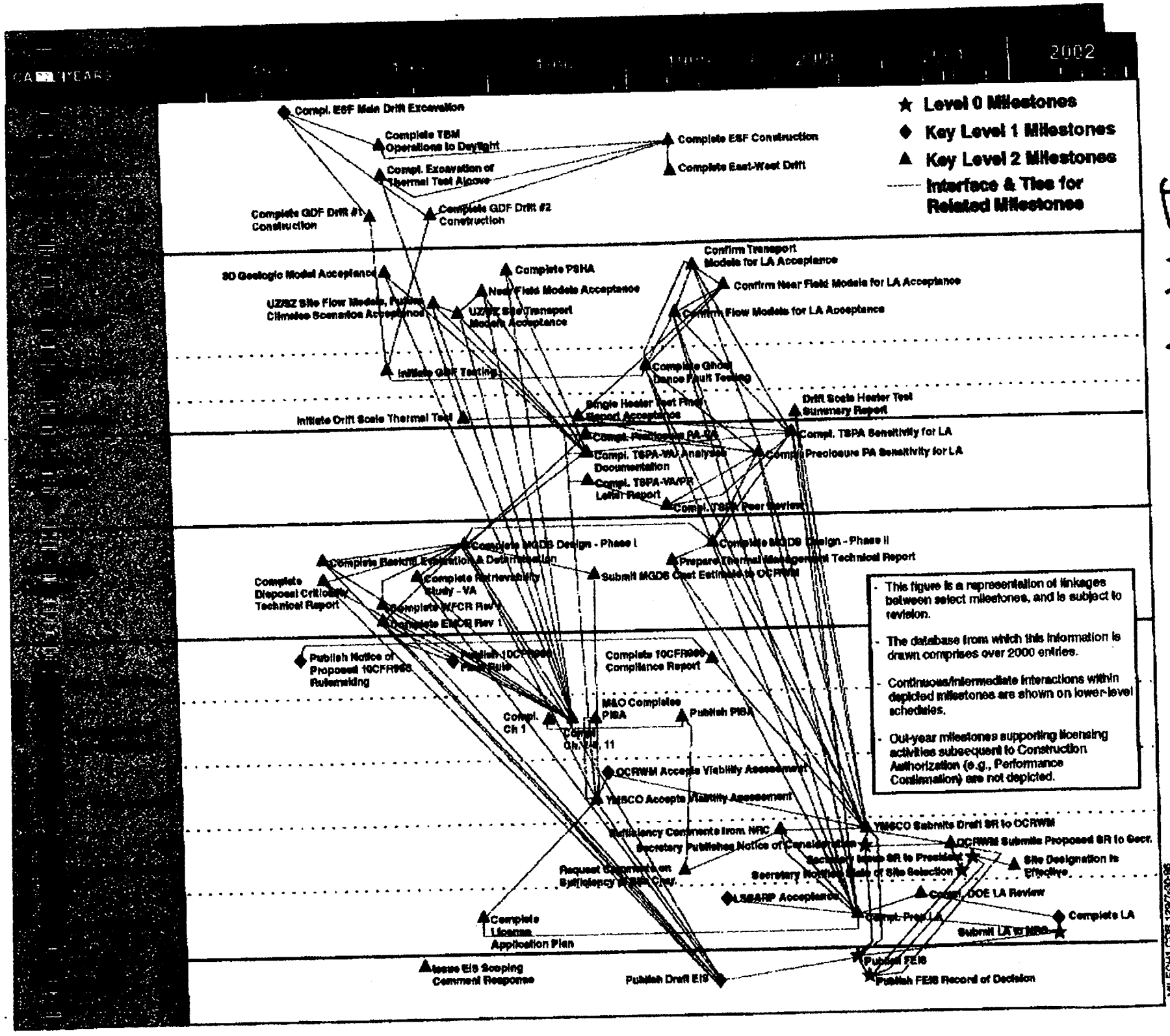
# - SCHEDULE HIERARCHY -

OCRWM PROGRAM PLAN

YMSCO PROJECT SUMMARY SCHEDULE

YMSCO LONG RANGE PLAN

YMSCO FY 1997 ANNUAL PLAN




DRAFT

Fax:702-794-1300 Aug 20 96 1:00 P.01

RMSL